

EXHIBIT 5

UNITED STATES DISTRICT COURT
DISTRICT OF MASSACHUSETTS

ALEXANDER STYLLER, INTEGRATED
COMMUNICATIONS & TECHNOLOGIES,
INC., JADE CHENG, JASON YUYI, CATHY
YU, CAROLINE MARAFAO CHENG,
PUSHUN CHENG, CHANGZHEN NI,
JUNFANG YU, MEIXIANG CHENG,
FANGSHOU YU, and CHANGHUA NI,

Plaintiffs,

vs.

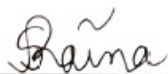
HEWLETT-PACKARD FINANCIAL
SERVICES COMPANY, HEWLETT-
PACKARD FINANCIAL SERVICES (INDIA)
PRIVATE LIMITED, HP INC., HEWLETT
PACKARD ENTERPRISE COMPANY, and
DAVID GILL

Defendants.

Civil Action No. 1:16-CV-10386 (LTS)

**REBUTTAL EXPERT REPORT OF
SHELLEY RAINA REGARDING
THE AUTHENTICITY OF THE
SEIZED EQUIPMENT**

Respectfully submitted this 15 th day of January, 2020:



CONFIDENTIAL – SUBJECT TO PROTECTIVE ORDER

Table of Contents

- I. INTRODUCTION
- II. EXPERT CREDENTIALS
- III. COMPENSATION
- IV. MATERIALS CONSIDERED
- V. SUMMARY OF OPINIONS
- VI. BACKGROUND
 - A. Transceiver Technology
 - B. Counterfeiting of Transceivers
 - C. Overview of Methodology
- VII. AFFIRMATIVE OPINIONS REGARDING THE AUTHENTICITY OF THE SEIZED EQUIPMENT
 - A. Transceivers on the Inventory List
 - B. Transceivers not on the Inventory List
- VIII. REBUTTAL TO THE OBSERVATIONS OF PLAINTIFFS' EXPERT

I. INTRODUCTION

1. I, Shelley Raina, have been retained as an expert in this case by counsel for defendants/counterclaim plaintiffs Hewlett-Packard Financial Services Company, Hewlett-Packard Financial Services (India) Private Limited (“HPFS India”), HP Inc., Hewlett Packard Enterprise Company, and David Gill (collectively, “Defendants”). If called as an expert witness at trial, I expect to testify regarding the matters set forth in this report.

2. Defendants have been sued by Integrated Communications & Technologies, Inc. (“ICT”), its CEO, Alexander Styller, three Chinese former employees of ICT, and family members of those former employees. In general, the Plaintiffs allege that HPFS India sold counterfeit transceivers (a type of computer networking equipment) to ICT in 2011, and that three ICT employees were arrested and imprisoned by Chinese authorities for attempting to sell that counterfeit equipment in China. I understand that when the ICT employees were arrested, the Chinese authorities seized equipment in the employees’ possession, and that those devices were subsequently returned to the Plaintiffs and ultimately preserved in the United States (the “Seized Equipment”).

3. I was asked by Defendants’ counsel to analyze the Seized Equipment to determine whether it is in fact counterfeit, and then to analyze and compare the serial numbers on each piece of Seized Equipment with the serial numbers on the inventory list of equipment sold by HPFS India to ICT in 2011 (the “Inventory List”). I was also asked to review and respond to the report submitted by Plaintiffs’ expert, Nicholas Xuanlai Fang, Ph.D.

4. This report describes the work performed by me and professionals working under my direction, and explains the results of my analysis. In short, it is my opinion that all units of the Seized Equipment that were sold by HPFS India to ICT (with the exception of one that was too damaged to analyze) were *authentic*. It is also my opinion that a substantial number of units of the Seized Equipment that were *not* sold by HPFS India to ICT were *counterfeit*. That is, based on my investigation and analysis it appears that ICT was indeed attempting to sell counterfeit equipment when its employees were arrested by Chinese authorities, but that counterfeit equipment came from other sources – not from HPFS India.

II. EXPERT CREDENTIALS

5. I am the co-founder and Chief Executive Officer of True Pedigree, a consulting firm that specializes in anti-counterfeiting and brand protection investigations and strategies for technology companies. I have nearly two decades of experience in product and supply chain security.

6. Prior to founding True Pedigree, for example, I served as Director of Compliance Systems and Investigations at Cisco, a Fortune 100 networking technology company. In that role (and in prior roles during my 18 years at Cisco), I built and supervised a global team of more than 40 people responsible for investigating, addressing, and preventing hardware counterfeiting and other supply chain security issues, including with respect to Cisco's transceiver products. I managed a team of forensic engineers that analyzed thousands of Cisco products (including transceivers) to identify counterfeits. I worked closely with law enforcement agencies around the world, including the FBI and Customs & Border Protection in the United States, and supported those agencies in hundreds of search warrants and raids on counterfeit manufacturing operations (primarily in China) and counterfeit equipment brokers (worldwide). My team also trained customs officials in various countries on how to identify counterfeit Cisco products.

7. Earlier in my career at Cisco, I was a hardware design engineer responsible for developing networking router and switch products, many of which incorporated transceivers.

8. I also co-founded Vantage Point Analytics, a software startup focused on supply chain analytics and counterfeit abatement. In that capacity, I partnered with Flextronics, the world's second-largest contract technology manufacturer.

9. I received a Bachelor of Science degree in electrical engineering and computer science from the University of California, Berkeley, in 1995.

10. In accordance with Rule 26 of the Federal Rules of Civil Procedure, a copy of my current curriculum vitae, which summarizes my qualifications and professional experience, is attached as **Exhibit 1** to this report. I have not previously provided expert testimony at a deposition, arbitration, or trial.

III. COMPENSATION

11. True Pedigree is being compensated at rates ranging from \$280 to \$650 per hour for the time worked on this engagement, plus expenses. My hourly rate for time spent on this engagement is \$550 per hour for general work and \$650 per hour for deposition or trial time. True Pedigree's fees are not contingent on the outcome of this matter or on any of the opinions expressed herein.

IV. MATERIALS CONSIDERED

12. In forming the opinions expressed herein, I considered the allegations set forth in Plaintiffs' Second Amended Complaint. My opinions are also based on my inspection of the Seized Equipment

itself, as well as the Inventory List,¹ other materials cited herein, and my training, experience, and expertise in the field. I have also considered the report submitted by Plaintiffs' expert, Dr. Fang, and the information described therein. My opinions are based upon information available to me as of the date of this report. I reserve the right to supplement this report and the opinions expressed herein to the extent that additional information becomes available after the date hereof.

13. If I am called as a witness at trial in this action, I may create demonstrative exhibits that refer or relate to the matters discussed in this report, or in my deposition testimony. I have not created any such exhibits as of the date of this report.

V. SUMMARY OF OPINIONS

14. Based on my experience, education, and training, and on my analysis of the facts and circumstances of this case, I have reached the following conclusions:

- Of the 781 units of Seized Equipment provided for inspection, 647 bear serial numbers that appeared on the Inventory List. I determined that **646 units of Seized Equipment acquired from HPFS India by ICT are authentic**, and one device was too damaged to inspect and reach a conclusive determination.
- Of the remaining 134 units of Seized Equipment not on the Inventory list – and therefore presumptively *not* acquired from HPFS India by ICT – at least **31 units of Seized Equipment are counterfeit**.

15. Nothing in Dr. Fang's report causes me to change my conclusions. Dr. Fang is not (and does not claim to be) an expert in counterfeiting, transceivers, or brand security. His report does not include any analysis of whether the Seized Equipment is in fact counterfeit or authentic. Rather, Dr. Fang merely makes simple observations of the product holographic labels and compares those observations to a list of supposed "indicators" of counterfeiting that he was provided by Plaintiffs' counsel. He does not claim to have any knowledge or experience concerning whether or not any of those supposed "indicators" are in fact evidence of counterfeiting. In sum, Dr. Fang's observations do not address the fundamental question of whether the Seized Equipment is *in fact* counterfeit or authentic, and they do not change the conclusions I reached based on my inspection of the equipment and my nearly two decades of relevant industry experience.

¹ I relied on the Inventory List spreadsheet produced by Defendants as DEF0001174. I understand from Defendants' counsel that Plaintiffs' version of the inventory list contains an identical set of products (by serial number) in PDF form.

VI. BACKGROUND

A. Overview of Equipment

16. The Seized Equipment consists of 781 optical transceivers. Optical transceivers are modular devices used in high-bandwidth data communications applications that enable data cables to connect to networking hardware. They comprise both a transmitter and a receiver that share common circuitry or a single housing. Optical transceivers use fiber optic technology to transmit (or send) and receive data. Optical transceivers have an electrical interface on one side that connects to system hardware, and an optical interface on the other side that connects to the outside world through a fiber optic cable.

17. This **Figure 1** depicts several different types of transceivers (all of which are about 2-3 inches long):

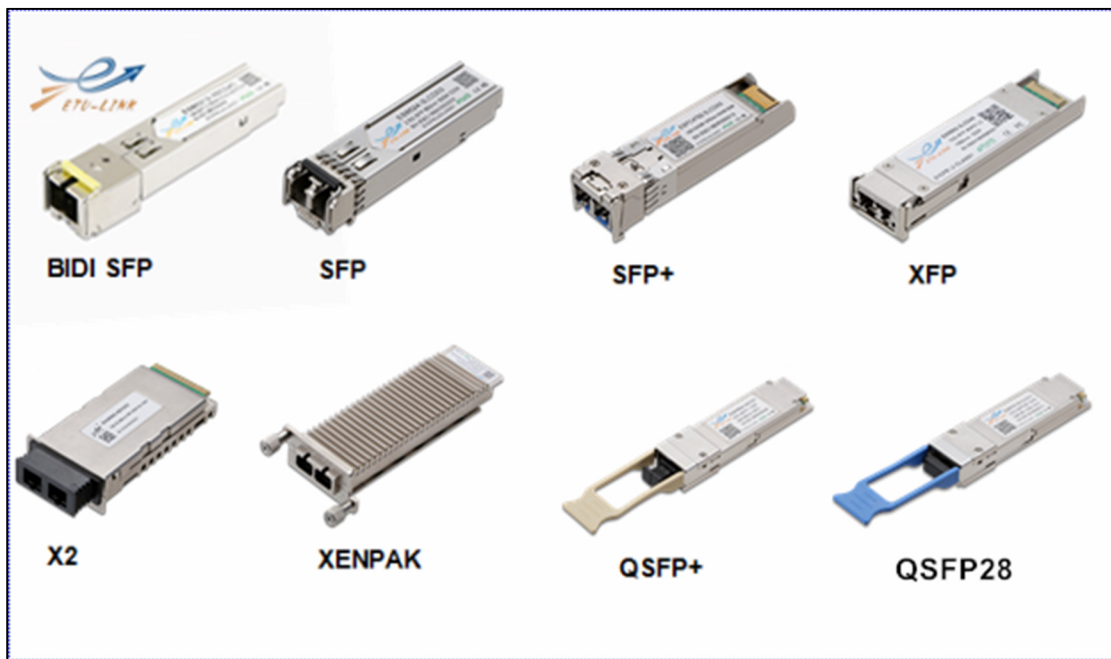


Fig. 1

18. This **Figure 2** depicts how a transceiver is plugged in to an electrical system such as a media converter.



Fig. 2

19. This **Figure 3** depicts how fiber optic cable connects to the outside of the transceiver that is plugged in an electrical system.



Fig. 3

20. Every transceiver has electronic components to condition and encode/decode data into light pulses and then send them to the destination as electrical signals. To send data as light, it makes use of a light source, and to receive light pulses, the transceiver makes use of a photodiode semiconductor.

21. Data can usually travel only one way in a fiber optic cable, so most transceivers have two ports for bidirectional communication: one for sending signals and the other for receiving signals. Alternatively, a single cable can be used; in this configuration, the transceiver will only be able to either send or receive data at one time but not both. The opposite end of the transceiver has a special connector for fitting the transceiver into specific models of enterprise-grade ethernet switches, firewalls, routers and network interface cards. The yellow cables in this **Figure 4** are connected to either the TX (transmit) or RX (receive) port of a transceiver that is plugged in to the system:

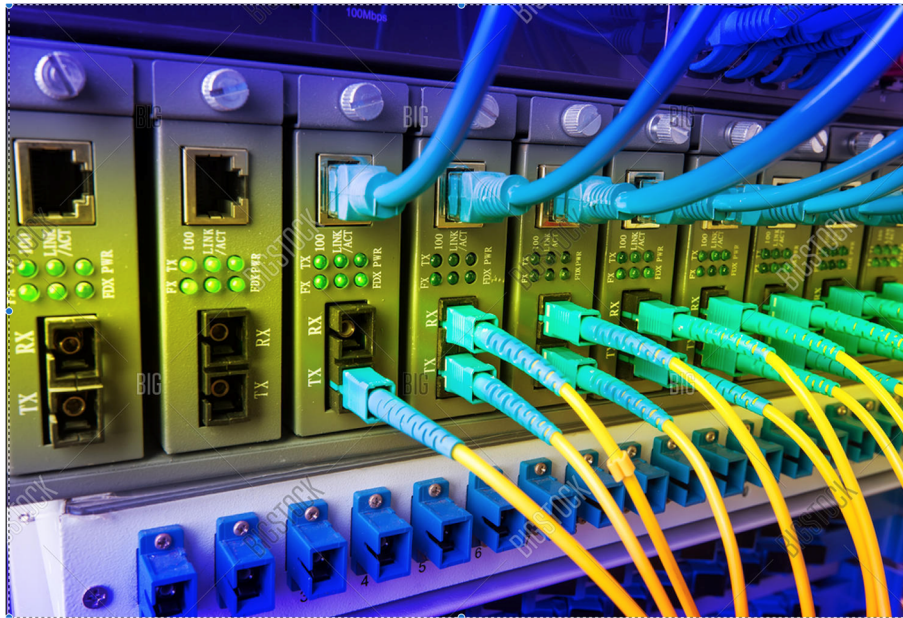


Fig. 4

22. As with most networking devices, there are many different types and models of transceivers available, from many different manufacturers. See **Figure 1**. These models vary in size, performance and price. For example, SFP, SFP+, and XFP are all terms for specific types of optical transceivers that plug into a special port on a switch, router or other network device to convert the port to a fiber optical interface.

23. The Seized Equipment that I inspected and tested falls into two optical transceiver categories: SFP and XFP.

(1) SFP: The small form-factor pluggable (SFP) transceiver is a compact network interface module used for both telecommunication and data communications applications. It is a

popular industry format jointly developed and supported by many network component vendors. The advantage of using SFPs instead of fixed interfaces (*e.g.* modular connectors in Ethernet switches) is that the interface port can be equipped with any suitable type of transceiver as needed.

(2) XFP: The XFP (10 Gigabit Small Form Factor Pluggable) is a standard for transceivers for high-speed computer network and telecommunication links that use optical fiber. XFP is a slightly larger form factor than the more popular SFP (to facilitate cooling). Like SFPs, XFP modules are protocol-independent.

24. This **Figure 5** depicts an XFP (above) and an SFP (below) transceiver side-by-side.



Fig. 5

25. An OEM (Original Equipment Manufacturer) such as H3C, Cisco, or Juniper purchases transceivers from an ODM (Original Design Manufacturer), which is the entity that actually manufactures the devices such as Finisar, Methode, JDSU, WTD, or Agilent, and then physically applies their trademark on a label that is affixed to these products before selling them as part of their product portfolio – usually as an accessory to their proprietary networking devices (routers, switchers, and firewalls, for example). **Figures 6** and **7** below, respectively, show transceivers branded with Cisco and Juniper trademarks/tradenames.

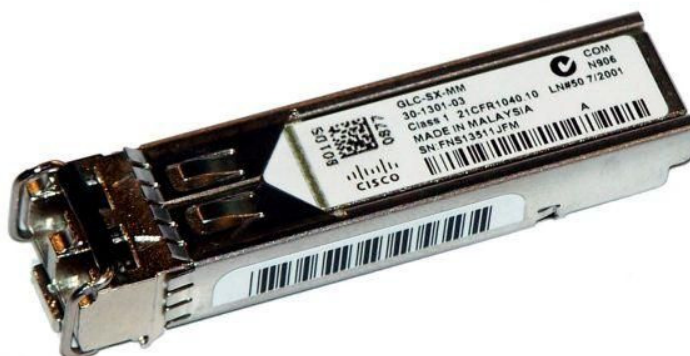


Fig. 6

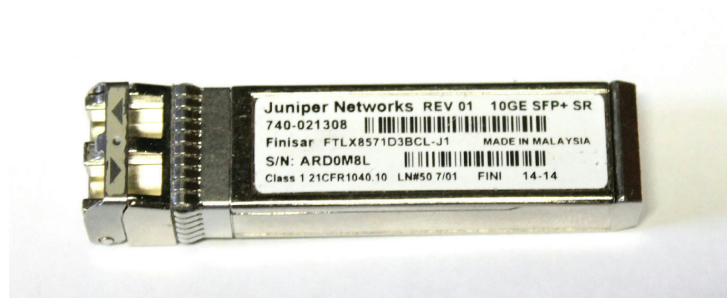


Fig. 7

26. Regardless of the type or model, every transceiver has a unique numerical or alphanumerical identifier, referred to as the product serial number. The serial number is printed on the label, and usually denoted as “S/N” or “SN” as in the **Figures 6 and 7** above. The serial number on the Cisco transceiver in **Figure 6** is “SNS13511JFM” and the serial number on the Juniper transceiver in **Figure 7** is “ARD0M8L.”

27. In my experience, genuine OEM manufacturers never repeat serial numbers within their respective transceiver product lines. Repeating numbers would defeat the purpose of a serial number, which is to provide a unique identifier for every device manufactured.

28. Transceiver labels typically also capture serial numbers in barcode format. A barcode is a method of representing data in a visual, machine-readable form. There are two barcode formats in use today. Traditional one-dimensional (“1D”) linear barcodes represent data by varying the width and spacing of parallel lines. More recently, two-dimensional (“2D”) variants were developed, using rectangles, dots, hexagons and other geometric patterns, called matrix codes.

(Though called “barcodes,” 2D barcodes do not actually use “bars.”) Both 1D and 2D barcodes can be read by scanners to reveal their serial number data. **Figure 8** shows images of example 1D and 2D barcodes, on the left and right respectively.



Fig. 8

29. In the Cisco example further above (**Figure 6**), the label has both a 1D and 2D barcode while the Juniper transceiver above (**Figure 7**) only has a 1D barcode.

30. Many OEMs also apply holographic labels to their products. These labels do not contain unique identifying information for each transceiver, but rather a hologram that is repeated across all equivalent OEM products. As I explain below, because hologram labels are very difficult and expensive to produce, they serve as a deterrent to counterfeiters.

31. Transceivers also include a component called the EEPROM (electrically erasable programmable read-only memory). The EEPROM is a small (under 1MB) type of memory used to store relevant information about the transceiver. The EEPROM is non-volatile, which means it holds data even when not receiving power. The EEPROM on each transceiver stores the serial number and other information identifying the device, including, but not limited to, the part number, ODM vendor name, and date of manufacturing. The EEPROM also contains information describing the transceiver’s capabilities, such as power consumption and cable length parameters; this information is read and used by networking equipment when making data transfer decisions. The EEPROM data may also be read by commercially available EEPROM reader devices, which are used to confirm transceiver compatibility with networking switches, among other things.

32. The redundancy in the serial numbers of genuine products – *i.e.*, their repetition across the alphanumeric label, the barcodes, and the EEPROM data – helps confirm transceiver authenticity. As explained in the next section, counterfeiters either cannot, or will not make the effort to, achieve this redundancy. Thus, brand security experts (like me) use that redundancy – or any anomalies – in making determinations of authenticity and as a means to protect against counterfeiting.

B. Counterfeit Transceivers

33. I have 15 years of experience in forensically analyzing counterfeit electronic products in the networking and telecommunications space. Of all the product categories I have worked with, transceivers are most widely counterfeited. There are multiple factors that make this product category ripe for counterfeiting, including:

- the electronic design of transceivers is fairly straightforward, so they are easy to reverse engineer;
- there is a high demand for transceivers; and
- transceivers typically have high profit margins because the sale price (up to hundreds of dollars) is high relative to the cost of goods to the OEM.

34. Based on my experience in overseeing and supporting anti-counterfeit operations for various brands across the globe, electronics – including transceivers – are predominantly counterfeited in China and then distributed and sold globally. I have personally seen or been exposed to many of these counterfeiting operations.

35. A transceiver counterfeiting operation addresses the following aspects of transceivers:

- **Printed circuit board assembly (PCBA):** The PCBA is the functional core of the transceiver. It includes the EEPROM and other electronic components that enable the transceiver to transmit and receive data. Counterfeiters usually source used or salvaged electronic components to build PCBAs. For that reason, and because counterfeit products do not undergo the rigorous functional testing of genuine OEM products, counterfeit transceiver operations often result in products that perform poorly or not at all.
- **EEPROM programming:** Counterfeiters use widely-available tools to program information into the EEPROM, including the identification information referenced above (serial numbers, part numbers, and the like). Counterfeiters do this in an attempt to “fool” or mislead purchasers by populating the EEPROM with data that has the appearance of legitimacy. But, as I explain below, counterfeiters cannot completely replicate genuine OEM identifying information because they must invent serial numbers and other such unique identifiers. Often, counterfeiters simply repeat a single serial number across an entire line of counterfeit products.

- **Housing:** Counterfeiters typically salvage the metal exterior housing from used or scrapped transceivers, or manufacture them outside of authorized channels.
- **Label Printing:** Counterfeiters also print fake labels designed to look like genuine OEM labels. In addition to the OEM's trademark, the labels include serial numbers, barcodes, and other identifying information. As with the EEPROM, serial numbers on these labels often do not follow the OEM serial number nomenclature guidelines and may be repeated numerous times. Moreover, the serial numbers listed alphanumerically on counterfeit labels often do not match the serial numbers recorded as barcodes or encoded on the counterfeit EEPROM. That is because it takes time, effort, and technology (such as 1D and 2D barcode generators) to match up serial numbers across the various elements of a transceiver – steps counterfeiters do not bother (or cannot afford) to take. Often, for example, counterfeiters just print the same barcode on all labels they manufacture, resulting in mismatch between the printed serial number and the counterpart barcode representation.
 - A note on holographic labels: in my nearly two decades of experience, I have never seen a transceiver counterfeiting operation that successfully copies all attributes of a particular genuine OEM holographic label. I understand that the technology used to produce holograms is extraordinarily expensive, and transceiver counterfeiters either cannot afford such equipment or do not view it as a worthwhile investment. *However*, I have seen several instances where “leakage” in the OEM supply chain (*e.g.*, theft and resale by factory plant employees) leads to counterfeiters acquiring a stock of “genuine” holographic labels, which they then apply to their counterfeit transceivers.
- **Packaging Production:** Some counterfeiters also produce counterfeit packaging that looks like genuine OEM packaging.

C. Overview of Methodology

36. I, along with one of my True Pedigree colleagues, inspected the Seized Equipment at the offices of Defendants' counsel, Choate, Hall & Stewart LLP, in Boston from May 6-8, 2019.

37. Defendants' counsel provided me with a box containing what I was informed was the Seized Equipment – *i.e.*, the set of transceivers seized by Chinese authorities from ICT when they arrested the ICT employees. I understand that Plaintiffs have represented that the Seized

Equipment was returned to the ICT employees following their release from prison, and that it was stored in a residential dwelling for a period of time and then shipped to the United States, where it was securely warehoused before being provided to Defendants' counsel for my inspection. **Figure 9** below is an image of the box I received containing the Seized Equipment.



Fig. 9

38. The Seized Equipment was stored in 20 Ziploc bags, pictured in **Figure 10** below. Nineteen of these Ziploc bags contained devices, while one bag contained only loose oval labels.² Each individual Ziploc bag was marked with a number that corresponded to the amount of devices contained in each bag, as shown below. We confirmed the accuracy of these numbers by counting the devices in each bag.

² Most units of Seized Equipment had green oval labels, and the green oval labels in Bag # 20 had apparently peeled off some of the devices. I do not know the origin of these labels, but they may have been applied as some form of inventory tracking at some point over the many times the products changed hands. In any event, they are not product labels, and they were not part of my analysis.



Fig. 10

39. I understand from Defendants' counsel that the Seized Equipment was sorted in this manner by Plaintiffs' counsel or someone acting at their direction.

40. After an initial inspection, we set up the following equipment that we brought with us to analyze and test equipment to determine its authenticity:

- SFPTotal Programmer:** SFPTotal Programmers are commercially available and are designed for reading various types of transceivers, including SFP, SFP+, and XFP devices. When a transceiver is plugged into the appropriate port of the SFPTotal Programmer, and the programmer is connected by USB to a computer running SFPTotal Wizard software, the EEPROM data can be read and analyzed. These devices are widely used to help ensure compatibility with network switches of popular brands. We used the programmer to read the contents of the EEPROM for each unit of Seized Equipment. **Figure 11** depicts an SFPTotal programmer:

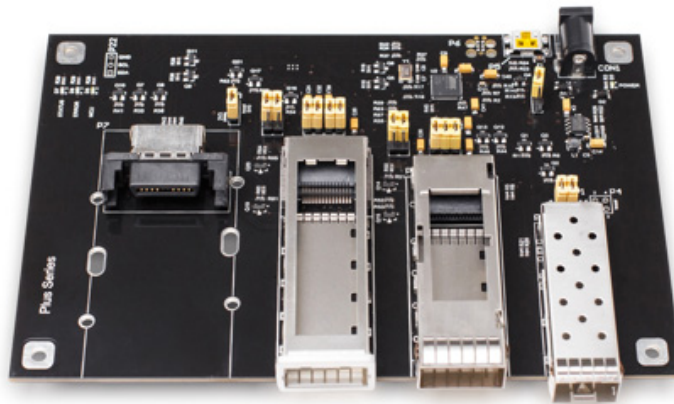


Fig. 11

- **1D/2D barcode reader:** We used a Tera brand barcode scanner that scans both 1D and 2D barcodes and outputs the reading to my computer.
- **Digital camera with SD card:** We used a Canon Powershot digital camera to capture images of all the devices that we tested.

41. **Figure 12** below depicts our test setup:



Fig. 12

We used a Microsoft notebook (blue in color in the image above) connected to the SFPTotal programmer, and an Apple laptop connected to the 1D/2D barcode scanner and the digital camera.

42. The initial step of my examination involved recording as much information as possible regarding each transceiver, including (i) taking photographs of each product and its labels; (ii) recording the serial numbers printed on those labels; (iii) scanning 1D and 2D barcodes and the information embedded therein; and (iv) reading and recording information stored on each product's EEPROM. As explained below, we recorded the resulting data in an Excel spreadsheet.

43. We proceeded with our examination of the devices, beginning with the 50 devices in Ziploc bag #1. My colleague took one device out of the Ziploc bag at a time and took pictures of the device to capture images of all labels affixed on the product. The pictures were then downloaded to my Apple laptop. **Figures 13a and 13b** below are pictures of certain devices that are representative of the pictures we took of each device during our examination.



Fig. 13a



Fig. 13b

44. Most of the devices we tested had two labels affixed. One label typically had the serial number of the device printed alphanumerically and also represented by a 1D barcode. In **Figure 13a** above, the serial number is BP1009250285. The other label typically included, among other information, the part number. In **Figure 13b** above, the part number is RTX191-400-H3C. However, on most devices, the part number was at least partially obscured by another label, as in **Figure 14** further below.

45. We recorded the serial number numbers printed on each label, and observed part numbers where visible. We also used the Tera barcode scanner to read the 1D barcodes and confirm whether they matched the printed barcodes.

46. Some of the devices examined also had a 2D barcode printed on the product label. The 2D barcode, wherever present, was scanned and the resulting alphanumeric string was compared with

the string printed next to it. (In authentic devices, one would expect the alphanumeric string represented by the 2D barcode to correspond to the one printed right next to the barcode.) In **Figure 14** below, the string is 210231A563X107002157.



Fig. 14

47. I then plugged the transceiver in to the SFPTotal programmer and read the contents of the EEPROM using SFPTotal Wizard software, as shown in this **Figure 15**:

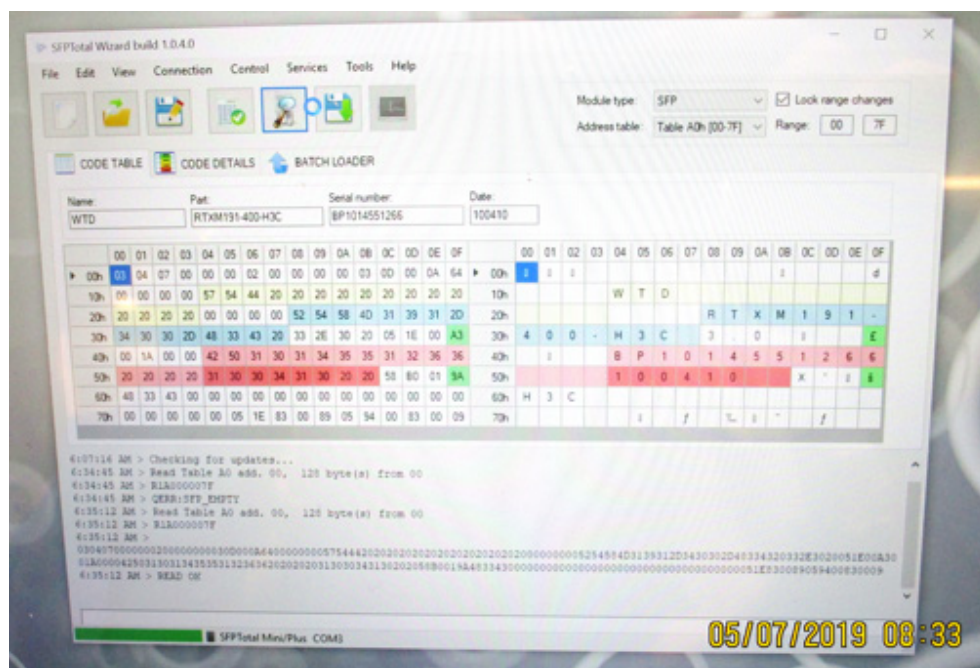


Fig. 15

48. I recorded the following data from each transceiver's EEPROM to my Excel spreadsheet: serial number, vendor name, and date of manufacture. For example, in **Figure 15** above, the serial number is BP1014551266; the vendor name is WTD; and the date code is 100410 (*i.e.*, April 10, 2010).

49. As explained above, I recorded all of this data in an Excel spreadsheet, from which I created **Appendix A**, attached to my report. **Appendix A** consists of three sheets:

- **Units On Inventory List:** Column A lists all of the serial numbers from the Inventory List of equipment sold by HPFS to ICT that were also found on the Seized Equipment. For each such unit, Columns C-E identify whether that serial number was also captured on the printed label, in the 1D barcode, and in the EEPROM. Columns F and G record the vendor name and date code from the EEPROM data. Column H records my conclusion of authenticity, and Column I indicates the Ziploc bag number in which the product was found.
- **Units Not On Inventory List:** Column A records the serial number on the printed label. Columns B and C identify whether that serial number was also captured in the 1D barcode and the EEPROM. Columns D and E record the vendor name and date code from the EEPROM data. Column F records my conclusion, and Column G indicates the Ziploc bag number and other notes.
- **Bag-by-Bag Summary:** This sheet summarizes my conclusions as broken down among the numbered Ziploc bags, and also describes my 2D barcode findings and some other notes.

VII. AFFIRMATIVE OPINIONS REGARDING THE AUTHENTICITY OF THE SEIZED EQUIPMENT

50. Based on my analysis of the data recorded during my inspection of the Seized Equipment and my comparison of the results with the Inventory List, I reached the following conclusions:

- Of the 781 pieces of Seized Equipment provided for inspection, 647 bear serial numbers that appeared on the Inventory List. **646 out of 647 pieces of Seized Equipment acquired from HPFS India by ICT are authentic.** The only exception was one device with a damaged EEPROM that I could not inspect, but I have no reason to believe it is not authentic.

- Of the remaining 134 pieces of Seized Equipment not on the Inventory list – and therefore presumptively *not* acquired from HPFS India by ICT – **31 pieces of Seized Equipment are counterfeit.**

51. My analysis and inspection of the devices focused on the following characteristics and fundamental principles, which I know to be reliable because they are consistent with patterns and practices I have observed during my years of experience in examining and identifying (at least) hundreds of batches of counterfeit transceivers:

- **Counterfeit transceivers** typically reflect anomalies in the unique identifying data – especially serial numbers – associated with the transceiver. Because serial number data should be redundant in every place where it is written – the alphanumeric printed label, the barcode(s), and the EEPROM data – anomalies indicate some level of manual interference in the manufacturing process. Counterfeiters often do not have the means (such as 2D barcode generators) to achieve that redundancy. And counterfeiters almost never make the effort to do so because it takes time and money, and transceiver buyers pay little or no attention to label serial numbers (much less to their consistency in internal EEPROM data). Moreover, even in those very rare instances where a counterfeiter makes the effort to ensure its (fake) serial number is redundant within an individual transceiver, counterfeiters often will simply repeat that serial number and other identifying information across an entire batch of counterfeit transceivers – rather than pointlessly go through the effort of creating individualized identifiers for each one.
- **Authentic OEM transceivers**, by contrast, reflect none of these anomalies. Every single transceiver manufactured by an ODM and acquired by the OEM contains a unique serial number, following that OEM's nomenclature conventions, that is replicated across the alphanumeric printed label, the barcode(s), and the EEPROM data. And because every transceiver contains unique identifiers, a set of transceivers – no matter how large – will *never* contain repeated serial numbers.

52. Thus, I relied upon two primary guidelines in determining whether a transceiver was authentic or counterfeit. *First*, if all of the following conditions were true, the transceiver was presumptively authentic:

- the serial number printed on the label matched the serial number encoded in the 1D barcode; AND
- the serial number printed on the label matched the serial number read from the EEPROM; AND
- the serial number printed on the label did not match the serial number printed on the label of any other unit of Seized Equipment; AND
- wherever applicable, the 2D barcode scan matched the alphanumeric string printed next to it.

Second, if any of these conditions were false, without any contextual excuse for the mismatch (such as with the three initial “anomalies” described below), the transceiver was presumptively counterfeit.

53. I also relied on certain other contextual indicators of authenticity/counterfeiting, as explained below.

54. While I observed part numbers recorded on the printed labels and in the EEPROMs, I did not record or rely on this data in reaching authenticity/counterfeit determinations. That is because the printed part numbers were obscured on most of the devices I inspected, and also because part numbers (which are replicated across entire product lines) do not provide unique identifiers like serial numbers. In any event, I did not observe any anomalies in part numbers that would change my conclusions.

55. After reaching authenticity/counterfeit determinations, I compared the transceiver serial numbers with those on the Inventory List.

56. I analyzed a total of 781 transceivers.³ Of these, 647 bore serial numbers corresponding to entries on the Inventory List. (The Inventory List itself contains 3,370 entries.) The remaining 134 transceivers were not on the Inventory List.

A. Transceivers on the Inventory List

57. I concluded that every one of the 647 transceivers on the Inventory List was authentic. Of these, 643 showed no anomalies, 3 showed anomalies but context confirmed they were authentic, and 1 contained a damaged, unreadable EEPROM but otherwise appeared to be authentic.

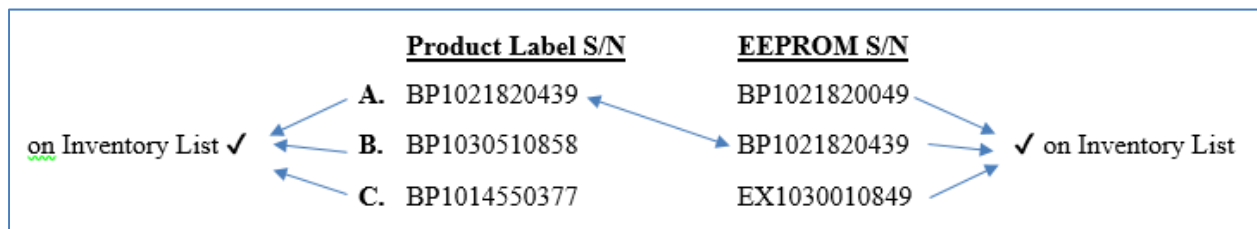
³ Plaintiffs’ complaint refers to the seizure of 778 transceivers by Chinese police, and Dr. Fang says that he analyzed 779 transceivers. I cannot explain the slight discrepancy in the counts. I analyzed the 781 transceivers that were presented to me as constituting the Seized Equipment.

58. As shown in **Appendix A, Units On Inventory List**, the 643 transceivers without anomalies had serial numbers that were consistent across the board. That is, for each transceiver, the printed alphanumeric serial number (beginning with BP or EX for all products analyzed) matched the 1D barcode readout as well as (most importantly) the EEPROM data.⁴ And, for all of the 313 transceivers that had 2D barcodes, the 2D barcodes matched the alphanumeric string printed on the label next to the barcode. The serial number nomenclature was also consistent – each serial number began with either “BP” or “EX.”

59. Moreover, the manufacture dates captured in the EEPROM – all of which were in 2009 and 2010 – are consistent with the time frame of the case facts as I understand them.

60. There were three products where the serial number on the product label matched the 1D barcode, but did not match the serial number captured in the EEPROM. Specifically, this mismatch occurred with respect to transceivers bearing product labels with the serial numbers BP1021820439, BP1030510858, and BP1014550377. *See Appendix A, rows 646-648.* This anomaly, however, is easily explained to a 99% degree of certainty, in my opinion in light of the circumstances, by the reasoning that the product labels peeled off and were re-applied within the same set of inventory sold to ICT.

61. I observed that, while all three serial numbers as printed on the product label were found on the Inventory List, the EEPROM data matched the serial numbers of *other* devices on the Inventory List. For example, as shown in **Figure 16** below, the serial number printed on the product label of the first device matched the serial number read from the EEPROM of the second device. I also noted that the serial number as read from the EEPROM of the first device and the serial number as read from the EEPROM of the third device were *also* found on the Inventory List (*i.e.*, the full list of 3,370 devices HPFS agreed to sell to ICT). *See* DEF0001174.



⁴ As noted in Appendix A, six of the transceivers had 1D barcodes that were too damaged or smudged to be read by my Tera scanner. As explained elsewhere in my report, the existence of some damage to the product labels does not surprise me, and does not indicate that they are counterfeit (in contrast, for example, to a 1D barcode label that can be scanned, but reveals a non-matching serial number). Because these five devices had all other indicators of authenticity, including in their EEPROM data, I concluded that they were genuine.

Fig. 16 (see also Appendix A, rows 646-648)

62. While analyzing the products over three days, I noticed quite a few products where the serial number labels were partially peeled off. Since the products have changed hands multiple times, are about a decade old, and were stored in sub-optimal conditions, it is very likely that some labels peeled off at some point. (In fact, as shown in the second tab of **Appendix A**, there were 7 units of Seized Equipment that did not have product labels; *i.e.*, the labels had completely peeled off.) It is also very likely that some of these labels were then applied back on the wrong product, creating a mismatch between the serial number on the product label and the serial number read from the EEPROM. In fact, I have seen similar label swaps in batches due to peeling/reapplied labels and human error in the past.

63. The set of anomalies identified in the three products above (*see Figure 16*) is strong evidence that such a swap did in fact occur. Said differently, the label on device B peeled off and was mis-applied to device A. I am virtually certain that, if I had access to the full set of 3,370 devices on the Inventory List (as opposed to only the 647 units of Seized Equipment found on the Inventory List), I would be able to confirm that there are devices with EEPROM data matching the mis-applied product labels on devices B and C.

64. Besides the mismatch in the serial number as observed on the label versus the EEPROM, for which I have provided the most likely explanation, there were no anomalies observed for these three devices. The 1D barcodes matched the printed serial numbers, and the 2D barcodes matched the accompanying alphanumeric string.

65. Thus, it is my opinion that all three of the initially “anomalous” devices are genuine and not counterfeit.

66. Finally, there was one transceiver on the Inventory List where the EEPROM could not be read by the SFPTotal Programmer. **Appendix A, row 649**. As with the peeling product labels, this damage does not surprise me, and I have encountered such problems with old, damaged transceivers in my past experience. There were no other anomalies associated with this transceiver, and in fact the printed serial number matched the 1D barcode. Though I could not apply my full analysis, I am confident that this device, too, is authentic.

67. **Importantly**, the mere fact that every one of the 647 transceivers contains a unique serial number is itself evidence that they are all authentic. As I explained above, counterfeiters typically copy-and-paste serial numbers across large batches of their counterfeit transceivers. The

likelihood that this set of 647 transceivers – or, indeed, the entire Inventory List of 3,370 transceivers – consists solely of unique serial numbers created by one or many (unidentified) counterfeiters would be vanishingly small. And the likelihood that every one of those unique serial numbers would be perfectly replicated within each individual transceiver, with no anomalies, is – in my opinion and experience – zero.

B. Transceivers not on the Inventory List

68. There were 134 units of Seized Equipment not found on the Inventory List. This did not surprise me because it is consistent with ICT’s statements to the Court that it was trading H3C equipment acquired from other sources both before and after the HPFS transaction. *See* Plaintiffs’ Status Report, August 19, 2019 (Dkt. No. 219), at pp. 5-6.

69. Of the remaining 134 transceivers not on the Inventory List, I concluded that 31 of them – over 23% – were counterfeit. The remainder met my authenticity criteria, except for 7 devices which I could not analyze because their product labels had peeled off.

70. For each of the 28 transceivers in Bag #16, the serial number on the product label did NOT match the serial number recorded in the EEPROM. This alone indicates counterfeiting because genuine OEM products would never have such a mismatch. *See* **Appendix A, Units Not On Inventory List, rows 2-29.**

71. But there are also numerous other indicators of counterfeiting for the 28 transceivers in Bag #16:

- Approximately half of these products did not follow the serial number nomenclature for genuine products. For example, one device had a printed serial number of “100044061421” while the EEPROM serial number was “P9N0V27M.” As noted above, the serial numbers on all of the authentic transceivers began with “BP” or “EX.” (The remaining 13 transceivers in Bag #16 did follow the “BP” nomenclature, but otherwise failed my authenticity tests, as noted above and below.)
- The “Vendor” listed in the EEPROM for 26 of the 28 devices is H3C, which is not a valid value. H3C is an OEM (original equipment manufacturer) but not the ODM (original device manufacturer, or vendor). None of the genuine devices listed H3C as the ODM in the EEPROM.
- The EEPROM for one of those products listed the vendor as “H 3 C” (with spaces), which further indicates manual entry of fake EEPROM data.
- The EEPROM date code for all but one of the 28 devices was “101028,” which strongly suggests a counterfeit operation where the same date code was written on all EEPROMs. In the 647 genuine transceivers, by contrast, there were 25 different dates of manufacture.

- The one device with a different date code is captured last on the list of 28. The EEPROM vendor is “Cisco-Finisar,” the label serial number is G0047468, and the EEPROM serial number is T4M4R133 – again, a different serial number nomenclature than any product found to be genuine. The 1D barcode on this product was also unreadable.
- All but one of the 28 products had a 2D barcode, and all 27 read incorrectly. That is, they did not match the alphanumeric string printed next to the 2D barcode. Genuine 2D barcodes always match the accompanying string.
- Finally – and importantly – 6 transceivers in this batch of 28 contained duplicative serial numbers in their EEPROM data. “P9NOV9M” was read from four products while “P9N0V17M” was read from two products. Such serial number repetition would *never* happen on genuine products.

72. The remaining three products analyzed as counterfeit were in Bag #19 (which consisted only of these three products). These transceivers did not have a mismatch between the product label and EEPROM serial numbers, but they did have numerous other anomalies that led me to conclude they were counterfeit.

73. The first product (**Appendix A, row 30**) lists “H 3 C” in the EEPROM vendor field. As explained above, H3C is not a valid ODM vendor, and “H 3 C” (with spaces) indicates manual entry of the false data.

74. The second and third products (**rows 31 and 32**) both list a different manufacture date in the EEPROM than the one printed on the label, and list the vendor name as Cisco-Finisar, which, like H3C, is not a valid entry for this field.

75. Thus, I concluded that the three transceivers in Bag #19, too, were counterfeit.

76. While I did not conclusively analyze seven devices not on the Inventory List because they did not have product labels (**rows 128-135**), I noted that three of them (**rows 130-132**) listed “H3C” or “H 3 C” in the EEPROM vendor field, which, as explained above, is an indicator of counterfeiting. And two of those three devices also had EEPROM date code 101028 and serial number nomenclature (beginning with P9) similar to the counterfeit devices in bag 16, described above.

77. I was surprised to see that all of the devices I determined to be counterfeit were found within two bags – Bag #16 and Bag #19 – which consisted *only* of counterfeit devices. All other bags consisted only of authentic (or, in 8 instances, uninspectable) transceivers. **See Appendix A, Bag-by-Bag Summary.** I have been informed that an inspection of the Seized Equipment was previously performed at the request of Defendants’ counsel under the protections of the attorney-

client privilege and work-product doctrine, but that when that prior inspection was performed, the Seized Equipment was not received from Plaintiffs, or returned to them, in Ziploc bags. It therefore appears that the Seized Equipment was sorted into the 20 bags by Plaintiffs, Plaintiffs' counsel and/or someone acting at their direction. I do not know how or why all of the counterfeit devices came to be located in only two of the 20 bags, and those two bags contained only counterfeit devices.

78. One possible (if not likely) explanation is that *someone engaged by Plaintiffs performed an analysis of the Seized Equipment – after the privileged inspection conducted by Defendants but before my inspection – and likely reached substantially the same conclusions I did and sorted the devices accordingly.*

VII. REBUTTAL TO THE OBSERVATIONS OF PLAINTIFFS' EXPERT

79. I reviewed Dr. Fang's report offered in support of Plaintiffs' position that HPFS India sold ICT counterfeit transceivers. I do not view Dr. Fang's observations as helpful to resolving the question of the authenticity of those transceivers.

80. Dr. Fang is an MIT professor who apparently studies holograms. He does not claim to have any knowledge or experience, or to be an expert, in the field of counterfeiting, transceivers, or brand security. In fact, Dr. Fang does not even claim to have any experience or expertise in the use of holograms on holographic labels.

81. Moreover, Dr. Fang's basic, "naked-eye" observations of certain holographic labels on the Seized Equipment could be made by me (without particular expertise in holograms), or by any layperson. One does not need a digital microscope tilted at a "27.6 degree angle with respect to the horizontal plane" at 200x magnification to observe that certain labels are damaged, or that the H3C logo shifts one direction or another in others. Even the "vertical dots" are plainly visible, as shown by the fact that Dr. Fang used a cell phone camera to take pictures of them. I could (and did) readily make substantially similar observations just by looking at the labels. Other brand security experts, in my experience, would do the same, particularly when conducting inspections in the field rather than in a laboratory or other non-field setting.

82. Dr. Fang's observations are unhelpful for another, even more fundamental, reason. He does not (and does not claim to) provide opinions on whether the Seized Equipment is in fact counterfeit or authentic. Instead, he merely compares his own observations of the holographic

labels to a list of supposed “indicators” of counterfeiting that he was provided by Plaintiffs’ counsel, and then notes any overlap. Dr. Fang does not claim to have any knowledge or experience with respect to whether those indicators were in fact accurate or relevant indicators of counterfeiting used by anyone during the relevant time period to determine whether the specific devices in this case were authentic or counterfeit. In sum, Dr. Fang’s observations are not helpful to answer the question of whether the Seized Equipment is *in fact* counterfeit or authentic, and they do not change my conclusions.

83. As I explained at length above, based on my nearly two decades of experience in identifying counterfeit transceivers, the key to a thorough forensic analysis is an examination of the product itself – and specifically a comparison of unique product identifiers recorded on the product and in the EEPROM data. This is where one uncovers the most meaningful anomalies between genuine and counterfeit products. Dr. Fang did not do any such analysis.

84. Selective reliance on unclear (and possibly inaccurate or mistaken) guidance regarding decade-old labeling practices is not a useful tool to determine whether equipment is counterfeit or authentic. In my experience, labeling practices vary among companies, company divisions, vendors, product lines, geography, and time periods. The principle of using serial numbers does not.

85. Such differences in, or mistaken understandings of, guidelines could account for the “shifting” H3C logo that is the basis for most of Dr. Fang’s observations. That is a far more likely explanation than the notion that counterfeiters managed to create holograms for use on counterfeit transceivers. As I explained above, the infrastructure required to create such labels is enormously and prohibitively expensive to counterfeiters. In my 15 years of experience, I have never seen a transceiver counterfeiting operation that successfully copies all attributes of a particular genuine OEM holographic label.

86. Moreover, as I explained above, even genuine holographic labels can be acquired and repurposed by counterfeiters through “leakage” in the supply chain (*i.e.*, a counterfeiter obtaining stock of genuine labels through unauthorized means).

87. Finally, damage to labels, holographic or otherwise, is not a serious basis for a determination of counterfeiting. The Seized Equipment is many years old and has changed hands many times. Moreover, the Seized Equipment was stored in substandard conditions in China and subsequently transported to the United States. It is not at all surprising to me that the labels are damaged.

* * *

Shelley Raina

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Over fifteen years of experience in **product and supply chain security field**. Subject matter expert, who has worked with numerous brands across multiple verticals in addressing brand integrity problems such as counterfeiting, grey market, software license abuse, service abuse, and similar issues. Assists clients in assessing risks across their supply chain followed by a strategy to address the same. Works with clients to develop strong forensic methodology, tools & applications leveraging data analytics, to proactively identify issues in real time. In addition, supports clients in ongoing execution of the strategy.

RELEVANT EXPERIENCE

Jan 2018 – Present

True Pedigree

San Francisco, TX

Co-Founder & CEO

- True Pedigree delivers leading-edge solutions, support, advice and action to protect the brand integrity of our clients throughout the world. True Pedigree provides customized and scalable brand protection technology solutions designed to provide quantifiable return on investment. The end result delivers measurable support to internal business partners and external stakeholders, which enables our clients to maintain brand integrity and add real value to any corporate bottom line.

Jan 2017 – Dec 2017

Sideman & Bancroft LLP

San Francisco, CA

Product & Supply Chain Security Strategist

- Assisted firm's clients in product & supply chain security assessments followed by strategy and solutions to address concerns and mitigate risk.

Sep 2013 – Dec 2016

Vantage Point Analytics

San Francisco, CA

Co-Founder & COO

- Developed SaaS solution to address product and supply chain security issues. Partnered with Flex, a company that provides innovative design, engineering, manufacturing, and logistics services to companies of all sizes and industries.

Apr 2005 – Aug 2013

Cisco Systems

San Jose, CA

Director, Compliance Systems and Investigations

- Built a team of 40+ to address product and supply chain security issues for Cisco. Worked with cross functional organizations like Manufacturing, Engineering, Sales & Services to develop anti-counterfeit solutions, and software solutions enabling proactive monitoring of the issues along with an action plan to mitigate such risks with a bottom line focus on company revenue and brand integrity.

July 1995 – July 2005

Cisco Systems

San Jose, CA

Hardware Design Engineer

- Worked in all areas of hardware design including product specification, design, development and test of hardware. Architected and developed 6 lines of Cisco router and switch products with 4 of these product lines realizing revenue >\$1B over multiple years. Worked with marketing, manufacturing, software, diagnostics team from product concept to market inception.

EDUCATION

University of California, Berkeley Bachelor of Science, Electrical Engineering & Computer Science **1995**

Inventory List							
Serial #	Same SN on Label?	Same SN on 1D Barcode?	Same Serial Number in EEPROM?	Vendor Name in EEPROM	Date Code in EEPROM	Determination	Comment
EX1030011403	Yes	Yes	Yes	WTD	100729	Genuine	Bag 12, Product 9
BP1014550259	Yes	Yes	Yes	WTD	100411	Genuine	Bag 12, Product 8
EX1020020041	Yes	Yes	Yes	WTD	100519	Genuine	Bag 12, Product 7
BP1014550115	Yes	Yes	Yes	WTD	100411	Genuine	Bag 12, Product 6
BP1014550921	Yes	Yes	Yes	WTD	100410	Genuine	Bag 12, Product 50
EX1030010665	Yes	Yes	Yes	WTD	100730	Genuine	Bag 12, Product 5
EX1017030204	Yes	Yes	Yes	WTD	100429	Genuine	Bag 12, Product 49
BP1021820218	Yes	Yes	Yes	WTD	100530	Genuine	Bag 12, Product 48
EX1030011831	Yes	Yes	Yes	WTD	100730	Genuine	Bag 12, Product 47
BP1010840247	Yes	Yes	Yes	WTD	100314	Genuine	Bag 12, Product 46
BP1014550879	Yes	Yes	Yes	WTD	100410	Genuine	Bag 12, Product 45
BP1030510138	Yes	Yes	Yes	WTD	100728	Genuine	Bag 12, Product 44
BP1030511175	Yes	Yes	Yes	WTD	100728	Genuine	Bag 12, Product 43
BP1014551273	Yes	Yes	Yes	WTD	100410	Genuine	Bag 12, Product 42
EX1020021778	Yes	Yes	Yes	WTD	100520	Genuine	Bag 12, Product 41
BP1009250473	Yes	Yes	Yes	WTD	100306	Genuine	Bag 9, Product 46
BP1014551242	Yes	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 21
BP1009250452	Yes	Yes	Yes	WTD	100306	Genuine	Bag 10, Product 48
BP1014550807	Yes	Yes	Yes	WTD	100411	Genuine	Bag 2, Product 1
BP1014550662	Yes	Yes	Yes	WTD	100410	Genuine	Bag 6, Product 9
BP1014550638	Yes	Yes	Yes	WTD	100410	Genuine	Bag 5, Product 9
BP1009250258	Yes	Yes	Yes	WTD	100306	Genuine	Bag 2, Product 17
BP1014550324	Yes	Could not read barcode	Yes	WTD	100410	Genuine	Bag 3,Product 43
EX1020021475	Yes	Yes	Yes	WTD	100520	Genuine	Bag 2, Product 5
BP1010840150	Yes	Yes	Yes	WTD	100314	Genuine	Bag 6, Product 8
BP1030510722	Yes	Yes	Yes	WTD	100728	Genuine	Bag 9, Product 33
BP1014550114	Yes	Yes	Yes	WTD	100411	Genuine	Bag 10, Product 1
BP1014550913	Yes	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 30
EX1030011094	Yes	Yes	Yes	WTD	100729	Genuine	Bag 18, Product 39
BP1014550178	Yes	Yes	Yes	WTD	100411	Genuine	Bag 3, Product 5
BP1014551395	Yes	Yes	Yes	WTD	100410	Genuine	Bag 9, Product 2
BP1014551012	Yes	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 45
EX1030010714	Yes	Yes	Yes	WTD	100729	Genuine	Bag 5, Product 8
BP1014550765	Yes	Yes	Yes	WTD	100411	Genuine	Bag 18, Product 12
BP1009250299	Yes	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 8
BP1021820122	Yes	Yes	Yes	WTD	100530	Genuine	Bag 7, Product 27
EX1020020059	Yes	Yes	Yes	WTD	100519	Genuine	Bag 1, Product 2
BP0950100211	Yes	Yes	Yes	WTD	100203	Genuine	Bag 18, Product 4
EX1021060401	Yes	Yes	Yes	WTD	100528	Genuine	Bag 5, Product 7
EX1030011829	Yes	Yes	Yes	WTD	100730	Genuine	Bag 6, Product 7
BP1014551397	Yes	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 41
BP1009250181	Yes	Yes	Yes	WTD	100306	Genuine	Bag 7, product 20
BP1014551365	Yes	Yes	Yes	WTD	100410	Genuine	Bag 10, Product 21
EX1017030165	Yes	Yes	Yes	WTD	100429	Genuine	Bag 7, Product 28
BP1014550971	Yes	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 11
BP1010840218	Yes	Yes	Yes	WTD	100314	Genuine	Bag 5, Product 6
BP1014551347	Yes	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 7
BP1014550277	Yes	Yes	Yes	WTD	100411	Genuine	Bag 18, Product 6
EX1017030495	Yes	Yes	Yes	WTD	100429	Genuine	Bag 6, Product 6
EX1021060596	Yes	Yes	Yes	WTD	100528	Genuine	Bag 2, Product 42
BP1009250188	Yes	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 46
BP1014550617	Yes	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 12
EX1020050133	Yes	Yes	Yes	WTD	100521	Genuine	Bag 5, Product 50
BP1015900005	Yes	Yes	Yes	WTD	100417	Genuine	Bag 5, Product 5

EX1021060436	Yes	Yes	WTD	100528	Genuine	Bag 6, Product 50
BP1021820056	Yes	Yes	WTD	100530	Genuine	Bag 6, Product 5
BP1009250306	Yes	Yes	WTD	100306	Genuine	Bag 4, Product 8
BP1010840022	Yes	Yes	WTD	100314	Genuine	Bag 2, Product 46
BP1014550319	Yes	Yes	WTD	100410	Genuine	Bag 11, Product 16
BP1021820058	Yes	Yes	WTD	100530	Genuine	Bag 12, Product 40
EX1020050078	Yes	Yes	WTD	100521	Genuine	Bag 10, Product 18
BP1009250096	Yes	Yes	WTD	100306	Genuine	Bag 7, Product 5
BP1021820255	Yes	Yes	WTD	100530	Genuine	Bag 12, Product 4
BP1009250278	Yes	Yes	WTD	100306	Genuine	Bag 5, Product 49
BP1009250088	Yes	Yes	WTD	100306	Genuine	Bag 10, Product 23
BP1014550602	Yes	Yes	WTD	100728	Genuine	Bag 4, Product 35
BP1030510903	Yes	Yes	WTD	100530	Genuine	Bag 18, Product 16
BP1021820178	Yes	Yes	WTD	100429	Genuine	Bag 9, Product 45
EX1017030094	Yes	Yes	WTD	100528	Genuine	Bag 4, Product 9
EX1021060149	Yes	Yes	WTD	100410	Genuine	Bag 15, Product 4
BP1014550602	Yes	Yes	WTD	100728	Genuine	Bag 15, Product 3
BP1030511072	Yes	Yes	WTD	100411	Genuine	Bag 6, product 49
BP1014550245	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 1
BP1014551226	Yes	Yes	WTD	100410	Genuine	Bag 1, Product 9
BP1014551244	Yes	Yes	WTD	100306	Genuine	Bag 6, Product 48
BP1009250190	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 35
BP1014550387	Yes	Yes	WTD	100410	Genuine	Bag 11, Product 12
BP1014551151	Yes	Yes	WTD	100411	Genuine	Bag 2, Product 29
BP1014550743	Yes	Yes	WTD	100410	Genuine	Bag 6, product 47
BP1014550651	Yes	Yes	WTD	100411	Genuine	Bag 7, Product 6
BP1014550112	Yes	Yes	WTD	100729	Genuine	Bag 5, Product 48
EX1030010809	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 40
BP1014550907	Yes	Yes	WTD	100314	Genuine	Bag 8, Product 18
BP1010840193	Yes	Yes	WTD	100314	Genuine	Bag 7, Product 17
BP1010840165	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 18
BP1014550369	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 50
BP1014551123	Yes	Yes	WTD	100411	Genuine	Bag 5, Product 47
BP1014550251	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 21
BP1014551046	Yes	Yes	WTD	100411	Genuine	Bag 8, Product 34
BP1014550177	Yes	Yes	WTD	100521	Genuine	Bag 4, Product 27
EX1020050125	Yes	Yes	WTD	100519	Genuine	Bag 18, Product 34
EX1020020581	Yes	Yes	WTD	100410	Genuine	Bag 3, Product 13
BP1014550372	Yes	Yes	WTD	100410	Genuine	Bag 6, Product 46
BP1014551284	Yes	Yes	WTD	100306	Genuine	Bag 10, Product 8
BP1009250382	Yes	Yes	WTD	100520	Genuine	Bag 12, Product 39
EX1020020517	Yes	Yes	WTD	100429	Genuine	Bag 11, Product 1
EX1017030650	Yes	Yes	WTD	100728	Genuine	Bag 6, Product 45
BP1030510238	Yes	Yes	WTD	100314	Genuine	Bag 18, Product 3
BP1010840121	Yes	Yes	WTD	100729	Genuine	Bag 18, Product 2
BP1030510478	Yes	Yes	WTD	100410	Genuine	Bag 11, Product 10
BP1014551285	Yes	Yes	WTD	100728	Genuine	Bag 12, Product 38
BP1030510635	Yes	Yes	WTD	100728	Genuine	Bag 12, Product 37
BP1030511158	Yes	Yes	WTD	100410	Genuine	Bag 3, Product 18
BP1014551039	Yes	Yes	WTD	100411	Genuine	Bag 8, Product 9
BP1014550830	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 53
BP1009250064	Yes	Yes	WTD	100314	Genuine	Bag 18, Product 10
BP1010840382	Yes	Yes	WTD	100411	Genuine	Bag 8, Product 25
BP1014550107	Yes	Yes	WTD	100729	Genuine	Bag 3, Product 7
EX1030010502	Yes	Yes	WTD	100306	Genuine	Bag 9, Product 24
BP1009250182	Yes	Yes	WTD	100411	Genuine	Bag 4, Product 44
BP1014550745	Yes	Yes	WTD	100410	Genuine	Bag 6, Product 44
BP1014550599	Yes	Yes	WTD	100521	Genuine	Bag 9, Product 3
EX1020050155	Yes	Yes	WTD	100410	Genuine	Bag 7, Product 9
BP1014551038	Yes	Yes	WTD	100314	Genuine	Bag 3, Product 14
BP1010840129	Yes	Yes	WTD			

BP1030510568	Yes	Yes	WTD	100728	Genuine	Bag 3, Product 6
BP1009250275	Yes	Yes	WTD	100306	Genuine	Bag 3, Product 21
BP1009250369	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 30
BP1009250307	Yes	Yes	WTD	100306	Genuine	Bag 7, Product 25
BP1009250363	Yes	Yes	WTD	100306	Genuine	Bag 2, Product 50
BP1009250180	Yes	Yes	WTD	100306	Genuine	Bag 6, Product 43
EX1030011274	Yes	Yes	WTD	100730	Genuine	Bag 2, Product 23
BP1014551222	Yes	Yes	WTD	100410	Genuine	Bag 10, Product 37
BP1010840142	Yes	Yes	WTD	100314	Genuine	Bag 2, Product 45
BP1014551042	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 10
BP1014551149	Yes	Yes	WTD	100410	Genuine	Bag 7, Product 40
BP1014550329	Yes	Yes	WTD	100410	Genuine	Bag 1, Product 34
BP1021820150	Yes	Yes	WTD	100530	Genuine	Bag 18, Product 25
BP1021820343	Yes	Yes	WTD	100530	Genuine	Bag 4, Product 29
BP1021820256	Yes	Yes	WTD	100530	Genuine	Bag 9, Product 7
BP1014550798	Yes	Yes	WTD	100411	Genuine	Bag 12, Product 36
EX1021060584	Yes	Yes	WTD	100528	Genuine	Bag 10, Product 26
BP1021820213	Yes	Yes	WTD	100530	Genuine	Bag 4, Product 2
BP1021820319	Yes	Yes	WTD	100530	Genuine	Bag 7, Product 18
EX1020050142	Yes	Yes	WTD	100521	Genuine	Bag 15, Product 15
BP1021820438	Yes	Yes	WTD	100530	Genuine	Bag 4, Product 33
BP1030510641	Yes	Yes	WTD	100728	Genuine	Bag 12, Product 35
EX1021060577	Yes	Yes	WTD	100528	Genuine	Bag 1, Product 14
EX1017030800	Yes	Yes	WTD	100429	Genuine	Bag 18, Product 51
EX1020050144	Yes	Yes	WTD	100521	Genuine	Bag 2, Product 12
EX1017030166	Yes	Yes	WTD	100429	Genuine	Bag 5, Product 46
BP1021820202	Yes	Yes	WTD	100530	Genuine	Bag 2, Product 26
BP1021820427	Yes	Yes	WTD	100530	Genuine	Bag 9, Product 49
BP1021820259	Yes	Yes	WTD	100530	Genuine	Bag 4, Product 1
EX1017030505	Yes	Yes	WTD	100429	Genuine	Bag 1, Product 47
BP1021820162	Yes	Yes	WTD	100530	Genuine	Bag 2, Product 11
BP1021820467	Yes	Yes	WTD	100530	Genuine	Bag 7, Product 34
BP1021820158	Yes	Yes	WTD	100530	Genuine	Bag 1, Product 41
EX1030010201	Yes	Yes	WTD	100729	Genuine	Bag 5, Product 45
EX1021060126	Yes	Yes	WTD	100528	Genuine	Bag 7, Product 23
BP1021820200	Yes	Yes	WTD	100530	Genuine	Bag 18, Product 28
EX1020050138	Yes	Yes	WTD	100521	Genuine	Bag 3, Product 32
BP1021820182	Yes	Yes	WTD	100530	Genuine	Bag 4, Product 42
BP1030510885	Yes	Yes	WTD	100728	Genuine	Bag 5, Product 44
BP1010840380	Yes	Yes	WTD	100314	Genuine	Bag 12, Product 34
EX1030010209	Yes	Yes	WTD	100729	Genuine	Bag 5, Product 43
BP1030510844	Yes	Yes	WTD	100728	Genuine	Bag 10, Product 14
BP1030510379	Yes	Yes	WTD	100728	Genuine	Bag 9, Product 22
BP1030510538	Yes	Yes	WTD	100729	Genuine	Bag 2, Product 49
BP1030510386	Yes	Yes	WTD	100728	Genuine	Bag 18, Product 27
BP1030510128	Yes	Yes	WTD	100728	Genuine	Bag 1, Product 11
BP1030510704	Yes	Yes	WTD	100728	Genuine	Bag 2, Product 28
BP1030510507	Yes	Yes	WTD	100729	Genuine	Bag 12, Product 33
BP1014550595	Yes	Yes	WTD	100410	Genuine	Bag 6, Product 42
EX1030011560	Yes	Yes	WTD	100729	Genuine	Bag 18, Product 48
BP1030510701	Yes	Yes	WTD	100728	Genuine	Bag 1, Product 15
BP1030510519	Yes	Yes	WTD	100729	Genuine	Bag 9, Product 12
BP1030510258	Yes	Yes	WTD	100728	Genuine	Bag 18, Product 13
EX1030011818	Yes	Yes	WTD	100730	Genuine	Bag 9, Product 48
BP1030511031	Yes	Yes	WTD	100728	Genuine	Bag 10, Product 12
EX1030011420	Yes	Yes	WTD	100729	Genuine	Bag 8, Product 10
BP1030510123	Yes	Yes	WTD	100728	Genuine	Bag 4, Product 37
EX1030010042	Yes	Yes	WTD	100730	Genuine	Bag 10, Product 11
BP1009250009	Yes	Yes	WTD	100306	Genuine	Bag 6, Product 41
EX1030011650	Yes	Yes	WTD	100730	Genuine	Bag 10, Product 38

BP1030510671	Yes	Yes	WTD	100728	Genuine	Bag 9, Product 9
BP1030510316	Yes	Yes	WTD	100728	Genuine	Bag 4, Product 36
BP1030510528	Yes	Yes	WTD	100729	Genuine	Bag 3, Product 27
EX1030010389	Yes	Yes	WTD	100729	Genuine	Bag 1, Product 37
EX1030010380	Yes	Yes	WTD	100729	Genuine	Bag 10, Product 33
BP1030510458	Yes	Yes	WTD	100729	Genuine	Bag 10, Product 41
EX1030010288	Yes	Yes	WTD	100730	Genuine	Bag 9, Product 1
BP1030510209	Yes	Yes	WTD	100728	Genuine	Bag 10, Product 29
BP1014550914	Yes	Yes	WTD	100410	Genuine	Bag 6, Product 40
BP1030510099	Yes	Yes	WTD	100728	Genuine	Bag 10, Product 32
BP1030510504	Yes	Yes	WTD	100729	Genuine	Bag 3, Product 9
EX1030010666	Yes	Yes	WTD	100730	Genuine	Bag 8, Product 32
BP1030510473	Yes	Yes	WTD	100729	Genuine	Bag 9, Product 34
BP1021820142	Yes	Yes	WTD	100530	Genuine	Bag 18, Product 9
EX1017030755	Yes	Yes	WTD	100429	Genuine	Bag 1, Product 48
BP1030510004	Yes	Yes	WTD	100728	Genuine	Bag 4, Product 12
BP1014550660	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 8
BP1021820116	Yes	Yes	WTD	100530	Genuine	Bag 2, Product 32
EX1020050002	Yes	Yes	WTD	100521	Genuine	Bag 1, Product 24
BP1021820276	Yes	Yes	WTD	100530	Genuine	Bag 2, Product 9
BP1021820286	Yes	Yes	WTD	100530	Genuine	Bag 2, Product 18
BP1021820288	Yes	Yes	WTD	100530	Genuine	Bag 10, Product 40
EX1021060053	Yes	Yes	WTD	100528	Genuine	Bag 10, Product 17
EX1017030771	Yes	Yes	WTD	100429	Genuine	Bag 3, Product 19
BP1030510582	Yes	Yes	WTD	100728	Genuine	Bag 6, Product 4
EX1017030963	Yes	Yes	WTD	100505	Genuine	Bag 8, Product 29
EX1017030768	Yes	Yes	WTD	100429	Genuine	Bag 10, Product 27
BP1010840173	Yes	Yes	WTD	100314	Genuine	Bag 5, Product 42
BP1021820418	Yes	Yes	WTD	100530	Genuine	Bag 8, Product 40
EX1017030776	Yes	Yes	WTD	100429	Genuine	Bag 4, Product 32
EX1017030530	Yes	Yes	WTD	100429	Genuine	Bag 3, Product 46
BP1014550903	Yes	Yes	WTD	100410	Genuine	Bag 6, Product 39
EX1020050072	Yes	Yes	WTD	100521	Genuine	Bag 3, Product 29
BP1030510256	Yes	Yes	WTD	100728	Genuine	Bag 6, Product 38
BP1021820143	Yes	Yes	WTD	100530	Genuine	Bag 4, Product 49
EX1017030179	Yes	Yes	WTD	100429	Genuine	Bag 12, Product 32
BP1030510607	Yes	Yes	WTD	100728	Genuine	Bag 4, Product 28
BP0944260680	Yes	Yes	WTD	91104	Genuine	Bag 7, Product 46
EX1030010994	Yes	Yes	WTD	100729	Genuine	Bag 6, Product 37
BP1030510620	Yes	Yes	WTD	100728	Genuine	Bag 8, Product 41
BP1014551271	Yes	Yes	WTD	100410	Genuine	Bag 9, Product 15
BP1014551377	Yes	Yes	WTD	100410	Genuine	Bag 3, Product 16
BP1021820151	Yes	Yes	WTD	100530	Genuine	Bag 9, Product 31
BP1009250305	Yes	Yes	WTD	100306	Genuine	Bag 2, Product 2
BP1009250322	Yes	Yes	WTD	100306	Genuine	Bag 3, Product 40
BP1009250062	Yes	Yes	WTD	100306	Genuine	Bag 9, Product 18
BP1014550928	Yes	Yes	WTD	100410	Genuine	Bag 4, Product 47
BP1030510230	Yes	Yes	WTD	100728	Genuine	Bag 8, Product 38
BP1010840182	Yes	Yes	WTD	100314	Genuine	Bag 5, Product 41
BP1014551221	Yes	Yes	WTD	100410	Genuine	Bag 7, Product 45
BP1030510141	Yes	Yes	WTD	100728	Genuine	Bag 9, Product 29
BP0944260330	Yes	Yes	WTD	91104	Genuine	Bag 3, Product 11
BP0944260410	Yes	Yes	WTD	91104	Genuine	Bag 2, Product 13
EX1017030677	Yes	Yes	WTD	100429	Genuine	Bag 3, Product 26
BP1009250090	Yes	Yes	WTD	100306	Genuine	Bag 7, Product 29
BP1021820342	Yes	Yes	WTD	100530	Genuine	Bag 12, Product 31
BP0944261273	Yes	Yes	WTD	91104	Genuine	Bag 10, Product 4
EX1030011223	Yes	Yes	WTD	100730	Genuine	Bag 1, Product 3
EX1020050036	Yes	Yes	WTD	100521	Genuine	Bag 5, Product 40
EX1030010987	Yes	Yes	WTD	100729	Genuine	Bag 5, Product 4

EX1021060580	Yes	Yes	WTD	100528	Genuine	Bag 7, Product 32
BP1014550767	Yes	Yes	WTD	100411	Genuine	Bag 10, Product 16
BP1014550330	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 47
BP1030510305	Yes	Yes	WTD	100728	Genuine	Bag 18, Product 17
BP1014550905	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 20
BP1014551139	Yes	Could not read barcode	WTD	100410	Genuine	Bag 6, Product 36
BP1014550794	Yes	Yes	WTD	100411	Genuine	Bag 9, Product 17
EX1020020127	Yes	Yes	WTD	100519	Genuine	Bag 6, Product 35
BP1010840167	Yes	Yes	WTD	100314	Genuine	Bag 8, Product 27
BP1009250187	Yes	Yes	WTD	100306	Genuine	Bag 9, Product 4
EX1017030509	Yes	Yes	WTD	100429	Genuine	Bag 4, Product 43
BP1014550904	Yes	Yes	WTD	100410	Genuine	Bag 1, Product 13
BP1010840233	Yes	Yes	WTD	100314	Genuine	Bag 7, Product 13
BP1014550877	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 24
BP1014550910	Yes	Yes	WTD	100410	Genuine	Bag 3, Product 24
BP1014550908	Yes	Yes	WTD	100410	Genuine	Bag 6, Product 34
BP1014550191	Yes	Yes	WTD	100411	Genuine	Bag 6, Product 33
EX1020020058	Yes	Yes	WTD	100519	Genuine	Bag 6, Product 32
BP1030510503	Yes	Yes	WTD	100729	Genuine	Bag 12, Product 30
EX1030010989	Yes	Yes	WTD	100729	Genuine	Bag 5, Product 39
EX1017030044	Yes	Yes	WTD	100429	Genuine	Bag 18, Product 26
EX1030011809	Yes	Yes	WTD	100730	Genuine	Bag 10, Product 7
BP1010840002	Yes	Yes	WTD	100314	Genuine	Bag 6, Product 31
EX1021060417	Yes	Yes	WTD	100528	Genuine	Bag 5, Product 38
BP1009250269	Yes	Yes	WTD	100306	Genuine	Bag 1, Product 42
BP0944260593	Yes	Yes	WTD	91104	Genuine	Bag 7, Product 16
EX1017030893	Yes	Yes	WTD	100429	Genuine	Bag 7, Product 3
BP1010840118	Yes	Yes	WTD	100314	Genuine	Bag 9, Product 39
EX1030011436	Yes	Yes	WTD	100729	Genuine	Bag 12, Product 3
BP1014550882	Yes	Yes	WTD	100410	Genuine	Bag 11, Product 13
EX1017030532	Yes	Yes	WTD	100429	Genuine	Bag 9, Product 37
BP1021820247	Yes	Yes	WTD	100530	Genuine	Bag 1, Product 39
EX1021060025	Yes	Yes	WTD	100528	Genuine	Bag 8, Product 23
BP1030510133	Yes	Yes	WTD	100728	Genuine	Bag 4, Product 46
BP1030510184	Yes	Yes	WTD	100728	Genuine	Bag 5, Product 37
BP1014550187	Yes	Yes	WTD	100411	Genuine	Bag 18, Product 29
BP1009250049	Yes	Yes	WTD	100306	Genuine	Bag 2, Product 27
BP1014551292	Yes	Yes	WTD	100410	Genuine	Bag 4, Product 39
EX1020021855	Yes	Yes	WTD	100520	Genuine	Bag 3, Product 34
BP1009250185	Yes	Yes	WTD	100306	Genuine	Bag 5, Product 36
BP1021820308	Yes	Yes	WTD	100530	Genuine	Bag 11, Product 2
BP1014551359	Yes	Yes	WTD	100410	Genuine	Bag 5, Product 35
BP1030511026	Yes	Yes	WTD	100728	Genuine	Bag 3, Product 25
BP1009250047	Yes	Yes	WTD	100306	Genuine	Bag 9, Product 27
EX1030011095	Yes	Yes	WTD	100729	Genuine	Bag 2, Product 36
BP1009250253	Yes	Yes	WTD	100306	Genuine	Bag 6, Product 3
BP1009250310	Yes	Yes	WTD	100306	Genuine	Bag 2, Product 16
BP1009250367	Yes	Yes	WTD	100306	Genuine	Bag 9, Product 25
BP1030510744	Yes	Yes	WTD	100728	Genuine	Bag 8, Product 39
BP0944260129	Yes	Yes	WTD	91104	Genuine	Bag 5, Product 34
BP1014550710	Yes	Yes	WTD	100411	Genuine	Bag 9, Product 14
BP1014550639	Yes	Yes	WTD	100410	Genuine	Bag 9, Product 19
BP1030510254	Yes	Yes	WTD	100728	Genuine	Bag 4, Product 24
EX1020021287	Yes	Yes	WTD	100520	Genuine	Bag 7, Product 22
EX1020020129	Yes	Yes	WTD	100519	Genuine	Bag 7, Product 15
BP1014550365	Yes	Could not read barcode	WTD	100410	Genuine	Bag 3, Product 48
BP1014550593	Yes	Yes	WTD	100410	Genuine	Bag 10, Product 39
BP1009250270	Yes	Yes	WTD	100306	Genuine	Bag 6, Product 29
BP1030510510	Yes	Yes	WTD	100729	Genuine	Bag 12, Product 29
BP1030511084	Yes	Yes	WTD	100728	Genuine	Bag 1, Product 7

BP1009250160	Yes	Yes	Yes	WTD	100306	Genuine	Bag 8, Product 43
EX1030010036	Yes	Could not read barcode	Yes	WTD	100730	Genuine	Bag 5, Product 33
BP1014550800	Yes	Yes	Yes	WTD	100411	Genuine	Bag 8, Product 26
BP1010840188	Yes	Yes	Yes	WTD	100314	Genuine	Bag 7, Product 11
BP1021820217	Yes	Yes	Yes	WTD	100530	Genuine	Bag 5, Product 32
BP1014550315	Yes	Yes	Yes	WTD	100410	Genuine	Bag 10, Product 35
BP1009250368	Yes	Yes	Yes	WTD	100306	Genuine	Bag 9, Product 36
BP1014551013	Yes	Yes	Yes	WTD	100410	Genuine	Bag 3, Product 39
BP1030511058	Yes	Yes	Yes	WTD	100728	Genuine	Bag 4, Product 3
BP1014551235	Yes	Yes	Yes	WTD	100410	Genuine	Bag 9, Product 32
BP1014551150	Yes	Yes	Yes	WTD	100410	Genuine	Bag 3, Product 17
BP1009250298	Yes	Yes	Yes	WTD	100306	Genuine	Bag 2, Product 14
EX1021060430	Yes	Yes	Yes	WTD	100528	Genuine	Bag 3, Product 45
BP0944260286	Yes	Yes	Yes	WTD	100530	Genuine	Bag 4, Product 19
BP1014551272	Yes	Yes	Yes	WTD	100410	Genuine	Bag 5, Product 31
BP1014550624	Yes	Yes	Yes	WTD	100410	Genuine	Bag 5, Product 30
BP1009250370	Yes	Yes	Yes	WTD	100306	Genuine	Bag 15, Product 11
BP1014550186	Yes	Yes	Yes	WTD	100411	Genuine	Bag 6, Product 28
BP1014551246	Yes	Yes	Yes	WTD	100410	Genuine	Bag 9, Product 10
BP1014551265	Yes	Yes	Yes	WTD	100410	Genuine	Bag 10, Product 49
BP1010840210	Yes	Yes	Yes	WTD	100314	Genuine	Bag 18, Product 31
BP1009250191	Yes	Yes	Yes	WTD	100306	Genuine	Bag 11, Product 19
BP1014550273	Yes	Yes	Yes	WTD	100411	Genuine	Bag 6, Product 27
BP1014550174	Yes	Yes	Yes	WTD	100411	Genuine	Bag 1, Product 1
EX1030010030	Yes	Yes	Yes	WTD	100730	Genuine	Bag 4, Product 45
BP1014551307	Yes	Yes	Yes	WTD	100410	Genuine	Bag 12, Product 27
BP1014550809	Yes	Yes	Yes	WTD	100411	Genuine	Bag 7, Product 44
BP1010840179	Yes	Yes	Yes	WTD	100314	Genuine	Bag 10, Product 50
BP1030510001	Yes	Yes	Yes	WTD	100728	Genuine	Bag 3, Product 22
BP1009250048	Yes	Yes	Yes	WTD	100306	Genuine	Bag 3, Product 4
EX1021060407	Yes	Yes	Yes	WTD	100528	Genuine	Bag 7, Product 12
BP1014550118	Yes	Yes	Yes	WTD	100411	Genuine	Bag 1, Product 33
BP1009250280	Yes	Yes	Yes	WTD	100306	Genuine	Bag 8, Product 1
BP1030510705	Yes	Yes	Yes	WTD	100728	Genuine	Bag 2, Product 31
EX1020021391	Yes	Yes	Yes	WTD	100521	Genuine	Bag 4, Product 41
BP1030511066	Yes	Yes	Yes	WTD	100728	Genuine	Bag 1, Product 25
BP1014550367	Yes	Yes	Yes	WTD	100410	Genuine	Bag 1, Product 43
BP1014550274	Yes	Yes	Yes	WTD	100411	Genuine	Bag 3, Product 1
BP1014551281	Yes	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 32
EX1030010850	Yes	Yes	Yes	WTD	100729	Genuine	Bag 15, Product 16
BP1010840251	Yes	Yes	Yes	WTD	100314	Genuine	Bag 6, Product 26
BP1010840267	Yes	Yes	Yes	WTD	100314	Genuine	Bag 1, Product 49
BP1014550384	Yes	Yes	Yes	WTD	100410	Genuine	Bag 10, Product 43
BP1014550744	Yes	Yes	Yes	WTD	100411	Genuine	Bag 12, Product 26
BP1014550309	Yes	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 46
BP1014550334	Yes	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 38
EX1030011146	Yes	Yes	Yes	WTD	100729	Genuine	Bag 12, Product 25
BP1009250157	Yes	Yes	Yes	WTD	100306	Genuine	Bag 4, Product 20
BP1030510617	Yes	Yes	Yes	WTD	100728	Genuine	Bag 10, Product 20
BP1030510263	Yes	Yes	Yes	WTD	100728	Genuine	Bag 3, Product 23
BP1014550761	Yes	Yes	Yes	WTD	100411	Genuine	Bag 5, Product 3
BP1021820240	Yes	Yes	Yes	WTD	100530	Genuine	Bag 6, Product 25
BP1009250003	Yes	Yes	Yes	WTD	100306	Genuine	Bag 5, Product 29
EX1020022006	Yes	Yes	Yes	WTD	100520	Genuine	Bag 12, Product 24
EX1017030610	Yes	Yes	Yes	WTD	100429	Genuine	Bag 12, Product 23
BP1030510877	Yes	Yes	Yes	WTD	100728	Genuine	Bag 15, Product 13
BP1014550769	Yes	Yes	Yes	WTD	100411	Genuine	Bag 11, Product 9
BP1030510849	Yes	Yes	Yes	WTD	100728	Genuine	Bag 11, Product 14
BP1014550305	Yes	Yes	Yes	WTD	100410	Genuine	Bag 7, Product 35
BP1014551390	Yes	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 22

BP1014550228	Yes	Yes	WTD	100420	Genuine	Bag 8, Product 11
BP1014550894	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 33
BP1010840261	Yes	Yes	WTD	100314	Genuine	Bag 1, Product 8
EX1030011002	Yes	Yes	WTD	100730	Genuine	Bag 3, Product 35
BP1014551293	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 5
BP1014551264	Yes	Yes	WTD	100410	Genuine	Bag 7, Product 10
EX1020020554	Yes	Yes	WTD	100519	Genuine	Bag 9, Product 21
BP1009250019	Yes	Yes	WTD	100306	Genuine	Bag 12, Product 22
BP1014551393	Yes	Yes	WTD	100410	Genuine	Bag 7, Product 36
EX1030010007	Yes	Yes	WTD	100730	Genuine	Bag 8, Product 19
BP1030510543	Yes	Yes	WTD	100729	Genuine	Bag 4, Product 4
BP1030510185	Yes	Yes	WTD	100728	Genuine	Bag 8, Product 36
BP1010840164	Yes	Yes	WTD	100314	Genuine	Bag 9, Product 23
BP1030510808	Yes	Yes	WTD	100728	Genuine	Bag 7, Product 38
EX1030010843	Yes	Yes	WTD	100729	Genuine	Bag 4, Product 34
EX1030011414	Yes	Yes	WTD	100729	Genuine	Bag 10, Product 25
BP1030510407	Yes	Yes	WTD	100728	Genuine	Bag 9, Product 5
BP1014550644	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 55
BP1014550622	Yes	Yes	WTD	100410	Genuine	Bag 4, Product 50
BP1030511163	Yes	Yes	WTD	100728	Genuine	Bag 7, Product 47
BP1030510904	Yes	Yes	WTD	100728	Genuine	Bag 6, Product 24
BP1014551130	Yes	Yes	WTD	100410	Genuine	Bag 10, Product 15
EX1030010995	Yes	Yes	WTD	100729	Genuine	Bag 10, Product 22
EX1020021776	Yes	Yes	WTD	100520	Genuine	Bag 9, Product 13
BP1014551291	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 47
BP1009250012	Yes	Yes	WTD	100306	Genuine	Bag 9, Product 20
BP1014551266	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 4
BP1010840257	Yes	Yes	WTD	100314	Genuine	Bag 4, Product 22
BP1014551236	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 44
BP1014551026	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 44
BP1030510622	Yes	Yes	WTD	100728	Genuine	Bag 10, Product 31
BP1009250066	Yes	Yes	WTD	100306	Genuine	Bag 10, Product 42
BP1009250173	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 44
BP1030510806	Yes	Yes	WTD	100728	Genuine	Bag 6, Product 23
BP1015900003	Yes	Yes	WTD	100417	Genuine	Bag 2, Product 19
BP1014551136	Yes	Yes	WTD	100410	Genuine	Bag 6, Product 22
BP1030510521	Yes	Yes	WTD	100729	Genuine	Bag 8, Product 8
BP1010840293	Yes	Yes	WTD	100314	Genuine	Bag 3, Product 50
BP1010840023	Yes	Yes	WTD	100314	Genuine	Bag 9, Product 40
BP1010840027	Yes	Yes	WTD	100314	Genuine	Bag 18, Product 42
BP1021820100	Yes	Yes	WTD	100530	Genuine	Bag 6, Product 21
EX1021060038	Yes	Yes	WTD	100528	Genuine	Bag 7, Product 19
BP1010840025	Yes	Yes	WTD	100314	Genuine	Bag 5, Product 28
BP1014550757	Yes	Yes	WTD	100411	Genuine	Bag 2, Product 15
BP1030510372	Yes	Yes	WTD	100728	Genuine	Bag 12, Product 21
BP1014551220	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 37
BP1021820375	Yes	Yes	WTD	100530	Genuine	Bag 4, Product 6
EX1021060147	Yes	Yes	WTD	100528	Genuine	Bag 2, Product 34
BP1030510615	Yes	Yes	WTD	100728	Genuine	Bag 8, Product 6
BP1014551286	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 33
BP1009250312	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 36
BP1010840294	Yes	Yes	WTD	100314	Genuine	Bag 7, Product 43
BP1009250472	Yes	Yes	WTD	100306	Genuine	Bag 1, Product 35
BP1014551043	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 7
BP1009250095	Yes	Yes	WTD	100306	Genuine	Bag 9, Product 47
BP1014550851	Yes	Yes	WTD	100410	Genuine	Bag 11, Product 17
BP1014551227	Yes	Yes	WTD	100410	Genuine	Bag 1, Product 6
EX1030010208	Yes	Yes	WTD	100729	Genuine	Bag 10, Product 47
BP1014550797	Yes	Yes	WTD	100411	Genuine	Bag 1, Product 32
BP1030510901	Yes	Yes	WTD	100728	Genuine	Bag 18, Product 47

EX1020020061	Yes	Yes	WTD	100519	Genuine	Bag 1, Product 38
EX1030011218	Yes	Yes	WTD	100730	Genuine	Bag 6, Product 20
BP1009250268	Yes	Yes	WTD	100306	Genuine	Bag 10, Product 36
BP1014551225	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 48
BP1010840183	Yes	Yes	WTD	100314	Genuine	Bag 3, Product 41
BP1030510505	Yes	Yes	WTD	100729	Genuine	Bag 12, Product 20
BP1030510872	Yes	Yes	WTD	100728	Genuine	Bag 7, Product 7
BP1014551238	Yes	Yes	WTD	100410	Genuine	Bag 9, Product 50
BP1021820340	Yes	Yes	WTD	100530	Genuine	Bag 5, Product 27
BP1014551239	Yes	Yes	WTD	100410	Genuine	Bag 3, Product 15
BP1021820103	Yes	Yes	WTD	100530	Genuine	Bag 10, Product 10
BP1014550111	Yes	Yes	WTD	100411	Genuine	Bag 8, product 15
BP1014550271	Yes	Yes	WTD	100411	Genuine	Bag 3, Product 36
BP1010840003	Yes	Yes	WTD	100314	Genuine	Bag 7, Product 33
BP1009250300	Yes	Yes	WTD	100306	Genuine	Bag 5, Product 26
BP1009250285	Yes	Yes	WTD	100306	Genuine	Bag 1, Product 4
EX1020021649	Yes	Yes	WTD	100520	Genuine	Bag 5, Product 25
BP1010840010	Yes	Yes	WTD	100314	Genuine	Bag 10, Product 28
BP1009250151	Yes	Yes	WTD	100306	Genuine	Bag 1, Product 10
BP1009250281	Yes	Yes	WTD	100306	Genuine	Bag 9, Product 35
EX1030010694	Yes	Yes	WTD	100730	Genuine	Bag 5, Product 24
BP1014550640	Yes	Yes	WTD	100410	Genuine	Bag 15, Product 8
BP1009250178	Yes	Yes	WTD	100306	Genuine	Bag 7, Product 4
BP1021820135	Yes	Yes	WTD	100530	Genuine	Bag 4, Product 17
EX1021060437	Yes	Yes	WTD	100528	Genuine	Bag 4, Product 40
BP1014550252	Yes	Yes	WTD	100411	Genuine	Bag 6, Product 2
BP1021820352	Yes	Yes	WTD	100530	Genuine	Bag 1, Product 23
BP1009250082	Yes	Yes	WTD	100306	Genuine	Bag 1, Product 21
BP1009250304	Yes	Yes	WTD	100306	Genuine	Bag 7, Product 31
EX1030011242	Yes	Yes	WTD	100730	Genuine	Bag 1, Product 18
BP1010840379	Yes	Yes	WTD	100314	Genuine	Bag 8, Product 31
BP1030510737	Yes	Yes	WTD	100728	Genuine	Bag 5, Product 23
EX1030010207	Yes	Yes	WTD	100729	Genuine	Bag 4, Product 25
BP1030511089	Yes	Yes	WTD	100728	Genuine	Bag 8, Product 3
BP1009250470	Yes	Yes	WTD	100306	Genuine	Bag 6, Product 19
BP1014550594	Yes	Yes	WTD	100410	Genuine	Bag 10, Product 34
EX1017030881	Yes	Yes	WTD	100429	Genuine	Bag 6, Product 18
EX1017030601	Yes	Yes	WTD	100429	Genuine	Bag 12, Product 2
BP1009250013	Yes	Yes	WTD	100306	Genuine	Bag 4, Product 15
BP1010840214	Yes	Yes	WTD	100314	Genuine	Bag 7, Product 41
BP1014550759	Yes	Yes	WTD	100411	Genuine	Bag 3, Product 44
BP1014551142	Yes	Yes	WTD	100410	Genuine	Bag 18, Product 14
BP1014551232	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 30
BP1010840177	Yes	Yes	WTD	100314	Genuine	Bag 4, Product 13
BP1030510467	Yes	Yes	WTD	100729	Genuine	Bag 5, Product 22
BP1021820041	Yes	Yes	WTD	100530	Genuine	Bag 5, Product 21
BP1021820404	Yes	Yes	WTD	100530	Genuine	Bag 18, Product 49
BP1014550183	Yes	Yes	WTD	100411	Genuine	Bag 10, Product 19
BP1014550897	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 13
BP1009250068	Yes	Yes	WTD	100306	Genuine	Bag 7, Product 23
EX1020021130	Yes	Yes	WTD	100520	Genuine	Bag 1, Product 44
BP1009250091	Yes	Yes	WTD	100306	Genuine	Bag 9, Product 44
BP1010840028	Yes	Yes	WTD	100314	Genuine	Bag 11, Product 11
BP1014550320	Yes	Yes	WTD	100410	Genuine	Bag 6, Product 17
BP1014550964	Yes	Yes	WTD	100410	Genuine	Bag 9, Product 38
BP1014550225	Yes	Yes	WTD	100411	Genuine	Bag 15, Product 10
BP1030510058	Yes	Yes	WTD	100728	Genuine	Bag 4, Product 26
BP1014551245	Yes	Yes	WTD	100410	Genuine	Bag 3, Product 37
BP1010840169	Yes	Yes	WTD	100314	Genuine	Bag 8, Product 42

BP1009250159	Yes	Yes	WTD	100306	Genuine	Bag 3, Product 28
BP1030511029	Yes	Yes	WTD	100728	Genuine	Bag 1, Product 31
EX1020021636	Yes	Yes	WTD	100520	Genuine	Bag 8, Product 45
BP1030511009	Yes	Yes	WTD	100728	Genuine	Bag 7, Product 26
BP1014550878	Yes	Yes	WTD	100410	Genuine	Bag 7, Product 8
EX1017030953	Yes	Yes	WTD	100505	Genuine	Bag 2, Product 18
EX1017030605	Yes	Yes	WTD	100429	Genuine	Bag 15, Product 9
BP1009250189	Yes	Yes	WTD	100306	Genuine	Bag 5, Product 20
BP1021820461	Yes	Yes	WTD	100530	Genuine	Bag 6, Product 16
EX1020050048	Yes	Yes	WTD	100521	Genuine	Bag 1, Product 12
BP1030510446	Yes	Yes	WTD	100728	Genuine	Bag 7, Product 37
BP1014550623	Yes	Yes	WTD	100410	Genuine	Bag 3, Product 12
BP1014551278	Yes	Yes	WTD	100410	Genuine	Bag 3, Product 3
EX1030010660	Yes	Yes	WTD	100730	Genuine	Bag 7, Product 2
BP1010840205	Yes	Yes	WTD	100314	Genuine	Bag 7, Product 50
EX1030011644	Yes	Yes	WTD	100730	Genuine	Bag 1, Product 40
EX1017030886	Yes	Yes	WTD	100429	Genuine	Bag 7, Product 14
BP1030510415	Yes	Yes	WTD	100728	Genuine	Bag 2, Product 6
BP1014551288	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 39
BP1030511085	Yes	Yes	WTD	100728	Genuine	Bag 2, Product 41
BP1009250002	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 50
BP1014550306	Yes	Yes	WTD	100410	Genuine	Bag 12, Product 19
BP1014550652	Yes	Yes	WTD	100410	Genuine	Bag 7, Product 49
BP1030510476	Yes	Yes	WTD	100729	Genuine	Bag 1, Product 45
BP1010840004	Yes	Yes	WTD	100314	Genuine	Bag 5, Product 2
BP1009250267	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 5
BP1030510148	Yes	Yes	WTD	100728	Genuine	Bag 9, Product 8
BP1014550279	Yes	Yes	WTD	100411	Genuine	Bag 10, Product 46
BP1014551132	Yes	Yes	WTD	100410	Genuine	Bag 8, Product 49
BP1010840217	Yes	Yes	WTD	100314	Genuine	Bag 2, Product 24
BP1014550793	Yes	Yes	WTD	100411	Genuine	Bag 10, Product 2
BP1009250025	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 19
BP1030510437	Yes	Yes	WTD	100728	Genuine	Bag 2, Product 37
BP1014550247	Yes	Yes	WTD	100411	Genuine	Bag 5, Product 19
EX1020050018	Yes	Yes	WTD	100522	Genuine	Bag 12, Product 18
EX1020021679	Yes	Yes	WTD	100520	Genuine	Bag 1, Product 46
EX1017030629	Yes	Yes	WTD	100429	Genuine	Bag 10, Product 45
BP1014550887	Yes	Yes	WTD	100410	Genuine	Bag 9, Product 41
BP1014550375	Yes	Yes	WTD	100410	Genuine	Bag 5, Product 18
BP1014550891	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 3
BP1014550969	Yes	Yes	WTD	100410	Genuine	Bag 10, Product 24
EX1020050050	Yes	Yes	WTD	100521	Genuine	Bag 1, Product 20
EX1030010238	Yes	Yes	WTD	100729	Genuine	Bag 3, Product 49
BP1014551279	Yes	Could not read barcode	WTD	100410	Genuine	Bag 7, Product 21
EX1020050021	Yes	Yes	WTD	100525	Genuine	Bag 1, Product 28
BP1014551382	Yes	Yes	WTD	100410	Genuine	Bag 3, Product 8
BP1014550766	Yes	Yes	WTD	100411	Genuine	Bag 18, Product 21
BP1009250262	Yes	Yes	WTD	100306	Genuine	Bag 11, Product 5
BP1021820069	Yes	Yes	WTD	100530	Genuine	Bag 1, Product 36
BP1014551216	Yes	Yes	WTD	100410	Genuine	Bag 5, Product 17
BP1030511068	Yes	Yes	WTD	100728	Genuine	Bag 1, Product 27
BP1014550326	Yes	Yes	WTD	100410	Genuine	Bag 4, Product 10
EX1030011363	Yes	Yes	WTD	100729	Genuine	Bag 9, Product 42
BP1014550101	Yes	Yes	WTD	100411	Genuine	Bag 8, Product 14
BP0944261291	Yes	Yes	WTD	91104	Genuine	Bag 3, Product 10
BP1014550749	Yes	Yes	WTD	100411	Genuine	Bag 11, Product 3
BP1009250050	Yes	Yes	WTD	100306	Genuine	Bag 1, Product 5
BP1014550103	Yes	Yes	WTD	100411	Genuine	Bag 5, Product 16
BP0944260340	Yes	Yes	WTD	91104	Genuine	Bag 4, Product 7
BP1009250161	Yes	Yes	WTD	100306	Genuine	Bag 11, Product 7

EX1020050119	Yes	Yes	WTD	100521	Genuine	Bag 11, Product 18
EX1017030210	Yes	Yes	WTD	100429	Genuine	Bag 9, Product 43
BP1014551287	Yes	Yes	WTD	100410	Genuine	Bag 11, Product 6
BP1014550916	Yes	Yes	WTD	100410	Genuine	Bag 4, Product 21
EX1030010870	Yes	Yes	WTD	100729	Genuine	Bag 18, Product 24
BP1009250162	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 15
BP1030510742	Yes	Yes	WTD	100728	Genuine	Bag 3, Product 47
BP1014551275	Yes	Yes	WTD	100410	Genuine	Bag 11, Product 15
EX1030010006	Yes	Yes	WTD	100730	Genuine	Bag 8, Product 20
EX1030011453	Yes	Yes	WTD	100729	Genuine	Bag 10, Product 44
EX1017030655	Yes	Yes	WTD	100429	Genuine	Bag 2, Product 35
EX1020050158	Yes	Yes	WTD	100521	Genuine	Bag 6, Product 15
EX1030011713	Yes	Yes	WTD	100729	Genuine	Bag 15, Product 7
EX1021060125	Yes	Yes	WTD	100528	Genuine	Bag 10, Product 5
BP1009250015	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 37
EX1021060024	Yes	Yes	WTD	100528	Genuine	Bag 5, Product 15
BP1009250308	Yes	Yes	WTD	100306	Genuine	Bag 5, Product 14
BP1014550600	Yes	Yes	WTD	100410	Genuine	Bag 7, Product 48
BP1015900006	Yes	Yes	WTD	100417	Genuine	Bag 8, Product 2
BP1009250376	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 54
BP1009250255	Yes	Yes	WTD	100306	Genuine	Bag 9, Product 16
EX1020020986	Yes	Yes	WTD	100521	Genuine	Bag 2, Product 43
EX1020021129	Yes	Yes	WTD	100520	Genuine	Bag 3, Product 30
BP1030511198	Yes	Yes	WTD	100728	Genuine	Bag 4, Product 31
BP1021820400	Yes	Yes	WTD	100530	Genuine	Bag 3, Product 33
EX1030010851	Yes	Yes	WTD	100729	Genuine	Bag 15, Product 6
EX1020020503	Yes	Yes	WTD	100520	Genuine	Bag 1, Product 19
EX1020020082	Yes	Yes	WTD	100519	Genuine	Bag 3, Product 20
EX1030010445	Yes	Yes	WTD	100730	Genuine	Bag 3, Product 31
BP1014550884	Yes	Yes	WTD	100410	Genuine	Bag 5, Product 13
EX1020020037	Yes	Yes	WTD	100519	Genuine	Bag 2, Product 7
EX1020020035	Yes	Yes	WTD	100519	Genuine	Bag 1, Product 16
BP1014551044	Yes	Yes	WTD	100410	Genuine	Bag 5, Product 12
EX1020021291	Yes	Yes	WTD	100520	Genuine	Bag 4, Product 14
EX1020020509	Yes	Yes	WTD	100519	Genuine	Bag 4, Product 30
EX1020020977	Yes	Yes	WTD	100521	Genuine	Bag 9, Product 26
BP1021820395	Yes	Yes	WTD	100530	Genuine	Bag 8, Product 17
BP1021820312	Yes	Yes	WTD	100530	Genuine	Bag 15, Product 2
EX1030011285	Yes	Yes	WTD	100730	Genuine	Bag 8, Product 28
EX1017030684	Yes	Yes	WTD	100429	Genuine	Bag 9, Product 6
BP1010840289	Yes	Yes	WTD	100314	Genuine	Bag 10, Product 13
BP1030511006	Yes	Yes	WTD	100728	Genuine	Bag 4, Product 11
BP1014551234	Yes	Yes	WTD	100410	Genuine	Bag 1, Product 50
BP1014551240	Yes	Yes	WTD	100410	Genuine	Bag 7, Product 1
BP1014550899	Yes	Yes	WTD	100410	Genuine	Bag 11, Product 4
EX1030010406	Yes	Yes	WTD	100730	Genuine	Bag 10, Product 30
EX1030010009	Yes	Yes	WTD	100730	Genuine	Bag 10, Product 9
BP1030511190	Yes	Yes	WTD	100728	Genuine	Bag 2, Product 20
BP1009250004	Yes	Yes	WTD	100306	Genuine	Bag 8, Product 48
BP1021820435	Yes	Yes	WTD	100530	Genuine	Bag 6, Product 14
EX1030010454	Yes	Yes	WTD	100729	Genuine	Bag 6, Product 13
EX1017030065	Yes	Yes	WTD	100429	Genuine	Bag 6, Product 12
BP1010840213	Yes	Yes	WTD	100314	Genuine	Bag 18, Product 23
BP1014551224	Yes	Yes	WTD	100410	Genuine	Bag 9, Product 11
EX1020022001	Yes	Yes	WTD	100520	Genuine	Bag 4, Product 16
BP1030510416	Yes	Yes	WTD	100728	Genuine	Bag 3, Product 2
BP1014551146	Yes	Yes	WTD	100410	Genuine	Bag 7, Product 39
BP1030510235	Yes	Yes	WTD	100728	Genuine	Bag 2, Product 38
BP1014550898	Yes	Yes	WTD	100410	Genuine	Bag 6, Product 11
EX1020050049	Yes	Yes	WTD	100521	Genuine	Bag 1, Product 26

BP1014550278	Yes	Yes	WTD	100411	Genuine	Bag 5, Product 11
BP1009250396	Yes	Yes	WTD	100306	Genuine	Bag 1, Product 17
EX1030011483	Yes	Yes	WTD	100729	Genuine	Bag 12, Product 17
BP1009250184	Yes	Yes	WTD	100306	Genuine	Bag 8, Product 16
BP1009250273	Yes	Yes	WTD	100306	Genuine	Bag 1, Product 29
BP1014551148	Yes	Yes	WTD	100410	Genuine	Bag 10, Product 6
BP1014550250	Yes	Yes	WTD	100411	Genuine	Bag 12, Product 16
EX1020020036	Yes	Yes	WTD	100519	Genuine	Bag 12, Product 15
BP1009250043	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 43
BP1030510819	Yes	Yes	WTD	100728	Genuine	Bag 6, Product 10
BP1014551102	Yes	Yes	WTD	100410	Genuine	Bag 3, Product 38
BP1009250046	Yes	Yes	WTD	100306	Genuine	Bag 8, Product 4
BP1014550386	Yes	Yes	WTD	100410	Genuine	Bag 9, Product 28
BP1014550834	Yes	Yes	WTD	100411	Genuine	Bag 15, Product 14
BP1021820249	Yes	Yes	WTD	100530	Genuine	Bag 6, Product 1
BP1009250309	Yes	Yes	WTD	100306	Genuine	Bag 18, Product 22
BP1030510035	Yes	Yes	WTD	100728	Genuine	Bag 3, Product 42
BP1014550171	Yes	Yes	WTD	100411	Genuine	Bag 9, Product 30
EX1030011394	Yes	Yes	WTD	100729	Genuine	Bag 12, Product 14
BP1014550180	Yes	Yes	WTD	100411	Genuine	Bag 8, Product 22
EX1030011624	Yes	Yes	WTD	100730	Genuine	Bag 7, Product 42
BP1014551241	Yes	Yes	WTD	100410	Genuine	Bag 4, Product 5
BP1014550280	Yes	Yes	WTD	100411	Genuine	Bag 4, Product 48
EX1021060142	Yes	Yes	WTD	100528	Genuine	Bag 7, Product 30
BP1014551186	Yes	Yes	WTD	100420	Genuine	Bag 5, Product 10
BP1014550621	Yes	Yes	WTD	100410	Genuine	Bag 12, Product 13
BP1009250020	Yes	Yes	WTD	100306	Genuine	Bag 4, Product 38
BP1010840385	Yes	Yes	WTD	100314	Genuine	Bag 1, Product 30
EX1021060581	Yes	Yes	WTD	100528	Genuine	Bag 5, Product 1
BP1010840253	Yes	Yes	WTD	100314	Genuine	Bag 8, Product 35
EX1021060028	Yes	Yes	WTD	100528	Genuine	Bag 1, Product 22
BP1014550654	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 25
EX1030010654	Yes	Yes	WTD	100730	Genuine	Bag 11, Product 8
EX1020050106	Yes	Yes	WTD	100521	Genuine	Bag 4, Product 23
BP1014550655	Yes	Yes	WTD	100410	Genuine	Bag 2, Product 40
EX1030010826	Yes	Yes	WTD	100729	Genuine	Bag 12, Product 12
BP1014550381	Yes	Yes	WTD	100410	Genuine	Bag 12, Product 11
EX1020021801	Yes	Yes	WTD	100520	Genuine	Bag 6, Product 30
EX1020021161	Yes	Yes	WTD	100520	Genuine	Bag 12, Product 10
BP1014550106	Yes	Yes	WTD	100411	Genuine	Bag 12, Product 1
BP1014551376	Yes	Yes	WTD	100410	Genuine	Bag 12, Product 28
A0510400051	Yes	Yes	Hisense	100408	Genuine	Bag 17, Product 6
A0510702108	Yes	Yes	Hisense	100723	Genuine	Bag 17, Product 10
A0510701172	Yes	Yes	Hisense	100719	Genuine	Bag 17, Product 13
A0510602093	Yes	Yes	Hisense	100620	Genuine	Bag 17, Product 2
A0509C00339	Yes	Yes	Hisense	91214	Genuine	Bag 18, Product 33
A0510601425	Yes	Yes	Hisense	100620	Genuine	Bag 17, Product 7
A0510601978	Yes	Yes	Hisense	100620	Genuine	Bag 17, Product 14
A0510601360	Yes	Could not read barcode	Hisense	100620	Genuine	Bag 17, Product 9
						Bag 18, Product 52, Product Label read BP1021820439 but EEPROM read SN as BP1021820049 (on Inventory List)
BP1021820439	Yes	Yes	WTD	100530	Genuine	
BP1030510858	Yes	Yes	WTD	100530	Genuine	Bag 15, Product 12, Product Label read BP1030510858 but EEPROM read SN as BP1021820439

Units On Inventory List

BP1014550377	Yes	Yes	No	WTD	100729	Genuine	Bag 15, Product 5, Product Label read BP1014550377 but EEPROM read SN as EX1030010849 (on Inventory List)
EX1020020075	Yes	Yes	N/A	N/A	N/A	Not analyzed	Bag 15, Product 1, EEPROM could not be read

Serial # on Label	Same SN on 1D Barcode?	Same Serial Number in EEPROM?	Vendor Name	EEPROM Date Code in EEPROM	Determination	Comment
BP0939440216	Yes	No (P9N0V19M)	H3C	101028	Counterfeit	Bag 16
100044061421	Yes	No (P9N0V27M)	H3C	101028	Counterfeit	Bag 16
BP0942A00317	Yes	No (P9N0V10M)	H3C	101028	Counterfeit	Bag 16
BP1009800156	Yes	No (P9N0V17M)	H3C	101028	Counterfeit	Bag 16
100044062810	Yes	No (P9N0V23M)	H3C	101028	Counterfeit	Bag 16
BP0944370281	Yes	No (P9N0V16M)	H3C	101028	Counterfeit	Bag 16
BP0944370508	Yes	No (P9N0V14M)	H3C	101028	Counterfeit	Bag 16
BP0944370290	Yes	No (P9N0V2M)	H3C	101028	Counterfeit	Bag 16
BP1009800157	Yes	No (P871111YK)	H 3 C	30508	Counterfeit	Bag 16
100044381545	Yes	No (P9N0V22M)	H3C	101028	Counterfeit	Bag 16
100044062830	Yes	No (P9N0V7M)	H3C	101028	Counterfeit	Bag 16
BP0944370289	Yes	No (P9N0V12M)	H3C	101028	Counterfeit	Bag 16
100044061429	Yes	No (P9N0V17M)	H3C	101028	Counterfeit	Bag 16
BP1009240745	Yes	No (P9N0V9M)	H3C	101028	Counterfeit	Bag 16
100044381410	Yes	No (P9N0V3M)	H3C	101028	Counterfeit	Bag 16
100040361088	Yes	No (P9N0V18M)	H3C	101028	Counterfeit	Bag 16
BP1002040275	Yes	No (P9N0V9M)	H3C	101028	Counterfeit	Bag 16
100044061782	Yes	No (P9N0V28M)	H3C	101028	Counterfeit	Bag 16
100040072320	Yes	No (P9N0V24M)	H3C	101028	Counterfeit	Bag 16
100042251666	Yes	No (P9N0V15M)	H3C	101028	Counterfeit	Bag 16
61000271948	Yes	No (P9N0V9M)	H3C	101028	Counterfeit	Bag 16
100042251668	Yes	No (P9N0V13M)	H3C	101028	Counterfeit	Bag 16
BP0942A00318	Yes	No (P9N0V4M)	H3C	101028	Counterfeit	Bag 16
BP0940070079	Yes	No (P9N0V9M)	H3C	101028	Counterfeit	Bag 16
100044061426	Yes	No (P9N0V26M)	H3C	101028	Counterfeit	Bag 16
100044380538	Yes	No (P9N0V1M)	H3C	101028	Counterfeit	Bag 16
BP0944370285	Yes	No (P9N0V25M)	H3C	101028	Counterfeit	Bag 16
G0047468	Could not read	No (T4M4R133)	Cisco-Finisar	60128	Counterfeit	Bag 19
DW08033267	Could not read	Yes	H 3 C	80310	Counterfeit	Bag 19
H11F323	Yes	Yes	Cisco-Finisar	40123	Counterfeit	Bag 19. EEPROM vendor is Cisco-Finisar, but product label says H3C. EEPROM datecode is 040123, but product label says 0333 (33rd week of 2003).
H11F613	Could not read	Yes	Cisco-Finisar	40123	Counterfeit	Bag 19. EEPROM vendor is Cisco-Finisar, but product label says H3C. EEPROM datecode is 040123, but product label says 0333 (33rd week of 2003).
9X3220A00229	Yes	Yes	SumitomoElectric	091105DM	Genuine	Bag 13
UGL077S	Yes	Yes	Finisar Corp.	100511	Genuine	Bag 13
UH8004U	Yes	Yes	Finisar Corp.	100215	Genuine	Bag 13
03T617100016	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 13
03T617100011	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 13
UJ01ET	Yes	Yes	Finisar Corp.	100506	Genuine	Bag 13
9X3220A00122	Yes	Yes	SumitomoElectric	0910238L	Genuine	Bag 13
UHA07FG	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 13
UH804LN	Yes	Yes	Finisar Corp.	100311	Genuine	Bag 13
UH8006Z	Yes	Yes	Finisar Corp.	100215	Genuine	Bag 13
UGM000C	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
UH8007A	Yes	Yes	Finisar Corp.	100215	Genuine	Bag 13
UGK08BD	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
UGL05RZ	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
01T617100103	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 13
UGL050U	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
UHA07MZ	Yes	Yes	Finisar Corp.	100308	Genuine	Bag 13
UGL05RN	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
03T617100004	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 13
9Z3220A00069	Yes	Yes	SumitomoElectric	0912136Q	Genuine	Bag 13

Units Not On Inventory List

UGK08B7	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
UHA06PJ	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 13
UHQ0ANX	Yes	Yes	Finisar Corp.	100618	Genuine	Bag 13
UGK07GX	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
UH2082P	Yes	Yes	Finisar Corp.	100109	Genuine	Bag 13
UHB04LT	Yes	Yes	Finisar Corp.	100316	Genuine	Bag 13
UGL05MF	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
UGK07L7	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
03T617100007	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 13
UHA03LQ	Yes	Yes	Finisar Corp.	100303	Genuine	Bag 13
UHA03LM	Yes	Yes	Finisar Corp.	100303	Genuine	Bag 13
UHA07NX	Yes	Yes	Finisar Corp.	100308	Genuine	Bag 13
UGL07S7	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
UGL05S0	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
UHA07H8	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 13
UGH04P4	Yes	Yes	Finisar Corp.	100508	Genuine	Bag 13
UHA07M3	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 13
UH8007E	Yes	Yes	Finisar Corp.	100215	Genuine	Bag 13
UHA07E1	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 13
UGK06H9	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
UHA07CV	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 13
UGJ05DU	Yes	Yes	Finisar Corp.	100508	Genuine	Bag 13
UGL080S	Yes	Yes	Finisar Corp.	100511	Genuine	Bag 13
UGH04VK	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
UHA06PP	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 13
03T617100042	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 13
UHA07DF	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 13
UGJ05FB	Yes	Yes	Finisar Corp.	100508	Genuine	Bag 13
UGL05P1	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 13
UGK07MJ	Yes	Yes	Finisar Corp.	100511	Genuine	Bag 13
03T617100036	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 14
UHA07FR	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 14
UGL07DU	Yes	Yes	Finisar Corp.	100511	Genuine	Bag 14
UGL01L6	Yes	Yes	Finisar Corp.	100511	Genuine	Bag 14
UGL01LA	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 14
98E789N00042	Yes	Yes	SumitomoElectric	090821A1	Genuine	Bag 14
03T617100010	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 14
UH8004Y	Yes	Yes	Finisar Corp.	100215	Genuine	Bag 14
UGL07FS	Yes	Yes	Finisar Corp.	100511	Genuine	Bag 14
UHA07EZ	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 14
03T617100037	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 14
UHB04KE	Yes	Yes	Finisar Corp.	100311	Genuine	Bag 14
013220A00029	Yes	Yes	SumitomoElectric	1003026Z	Genuine	Bag 14
UGL050M	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 14
04T617100024	Yes	Yes	SumitomoElectric	10050703	Genuine	Bag 14
UGJ05E0	Yes	Yes	Finisar Corp.	100508	Genuine	Bag 14
UGQ0A2B	Yes	Yes	Finisar Corp.	91213	Genuine	Bag 14
UGJ05EB	Yes	Yes	Finisar Corp.	100508	Genuine	Bag 14
9Z3220A00028	Yes	Yes	SumitomoElectric	0912126N	Genuine	Bag 14
UGL05NT	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 14
UH30818	Yes	Yes	Finisar Corp.	100115	Genuine	Bag 14
UHB04LE	Yes	Yes	Finisar Corp.	100311	Genuine	Bag 14
01T617100059	Yes	Yes	SumitomoElectric	10021812	Genuine	Bag 14
03T617100008	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 14
03T617100012	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 14
UGL051E	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 14
UGL05PE	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 14

Units Not On Inventory List

UH207T4	Yes	Yes	Finisar Corp.	100109	Genuine	Bag 14
03T6T7100043	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 14
UHA07CM	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 14
UGH04UY	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 14
03T6T7100009	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 14
01T6T7100102	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 14
UHA07D0	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 14
UGL080J	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 14
03T6T7100028	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 14
UHA07GS	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 14
01T6T7100095	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 14
UGL07F2	Yes	Yes	Finisar Corp.	100511	Genuine	Bag 14
UGJ05MA	Yes	Yes	Finisar Corp.	100511	Genuine	Bag 14
UHB04KG	Yes	Yes	Finisar Corp.	100311	Genuine	Bag 14
UGL05PJ	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 14
UHA07D3	Yes	Yes	Finisar Corp.	100307	Genuine	Bag 14
01T6T7100108	Yes	Yes	SumitomoElectric	1004090F	Genuine	Bag 14
UGK07LT	Yes	Yes	Finisar Corp.	100510	Genuine	Bag 14
No Serial Number Label	NA	(BTH0733516)	Bookham	70818	Not Analyzed	Bag 14. EEPROM serial number BTH0733516 not found on Inventory List.
No Serial Number Label	NA	(55S601D00557)	SumitomoElectric	50628	Not Analyzed	Bag 17. EEPROM serial number 55S601D00557 not found on Inventory List.
No Serial Number Label	NA	(P9NOV20M)	H3C	101028	Not Analyzed	Bag 17. EEPROM serial number P9NOV20M not found on Inventory List.
No Serial Number Label	NA	(P9NOV9M)	H3C	101028	Not Analyzed	Bag 17. EEPROM serial number P9NOV9M not found on Inventory List.
No Serial Number Label	NA	(DW08040108)	H 3 C	80310	Not Analyzed	Bag 17. EEPROM serial number DW08040108 not found on Inventory List.
No Serial Number Label	NA	(EX1030011401)	WTD	100729	Not Analyzed	Bag 17. EEPROM serial number EX1030011401 found on the Inventory List.
No Serial Number Label	NA	(BP1030510043)	WTD	100728	Not Analyzed	Bag 17. EEPROM serial number BP1030510043 found on the Inventory List.
No Serial Number Label	NA	(BP1030511172)	WTD	100728	Not Analyzed	Bag 17. EEPROM serial number BP1030511172 found on the Inventory List.

Bag Number	Number of products in the Bag	Number of products on Inventory List	Genuine	Counterfeit	Did not Analyze	Additional Comment
1	50	50	50	0	0	All 29 2D Barcodes read correctly
2	50	50	50	0	0	All 22 2D Barcodes read correctly
3	50	50	50	0	0	All 25 2D Barcodes read correctly
4	50	50	50	0	0	All 33 2D Barcodes read correctly
5	50	50	50	0	0	All 21 2D Barcodes read correctly; one 2D Barcode could not be read as the picture was blurry
6	50	50	50	0	0	All 26 2D Barcodes read correctly
7	50	50	50	0	0	All 19 2D Barcodes read correctly; one 2D Barcode could not be read as the picture was blurry
8	50	50	50	0	0	All 19 2D Barcodes read correctly
9	50	50	50	0	0	All 21 2D Barcodes read correctly
10	50	50	50	0	0	All 26 2D Barcodes read correctly
11	19	19	19	0	0	All 5 2D Barcodes read correctly
12	50	50	50	0	0	All 33 2D Barcodes read correctly
13	50	0	50	0	0	All 8 2D Barcodes read correctly
14	46	0	45	0	1	All 3 2D Barcodes read correctly EEPROM could not be read for one of the units so it could not be fully analyzed.
15	16	16	15	0	1	The SN on the label did not match the SN in the EEPROM for two of the units As described in my report, however, these were determined to be genuine due to labels peeling off/being reapplied to the wrong unit. All 12 2D Barcodes read correctly, including the two anomalous units identified above and the product that was not fully analyzed because the EEPROM could be read.
16	28	0	0	28	0	This bag of 28 units was not on the Inventory List, and had various indicators of counterfeiting described in my report.
17	14	7	7	0	7	7 products had no serial number labels on them and thus were not analyzed. 5 of the 7 products analyzed had 2D barcodes, which were all read correctly. The SN on the label did not match the SN in the EEPROM for one of the units As described in my report, however, these were determined to be genuine due to labels peeling off/being reapplied to the wrong unit.
18	55	55	55	0	0	17 products had 2D barcodes, which all read correctly including the one identified above
19	3	0	0	3	0	This bag of 3 units was not on the Inventory List, and had various indicators of counterfeiting described in my report.
Total	781	647	741	31	9	